

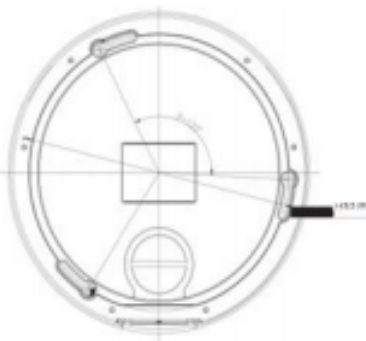
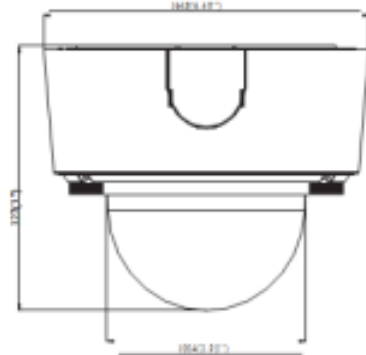
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75Eh, 50J, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

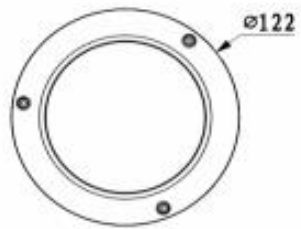
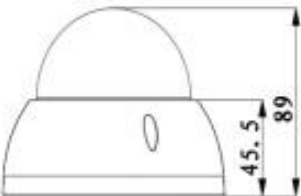
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M& 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
34	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
2	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

36

3M

H.264

3135

10

40

30

112.86

13296.96

+ Add Row

36

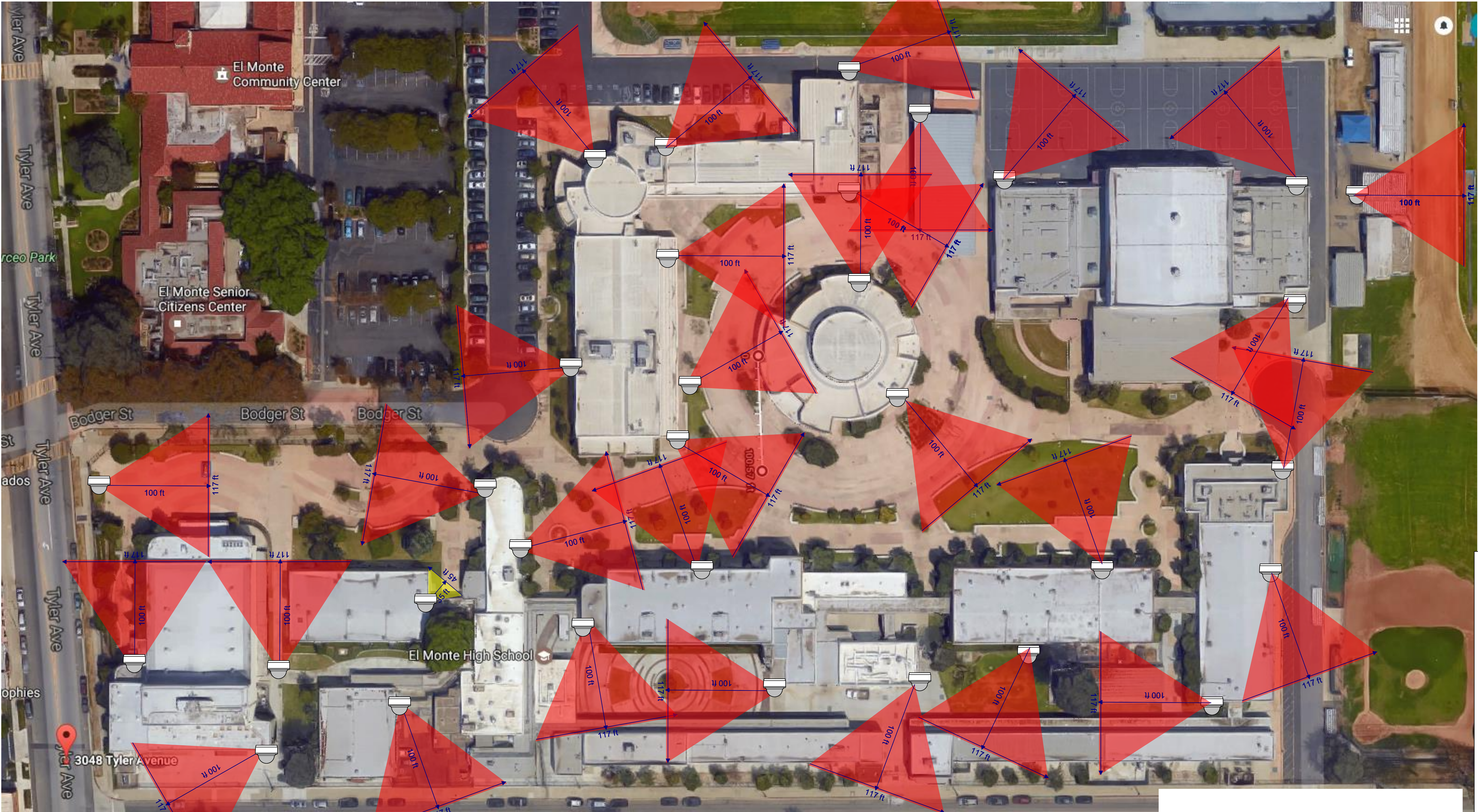
112.9 Mbps

13.30 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.

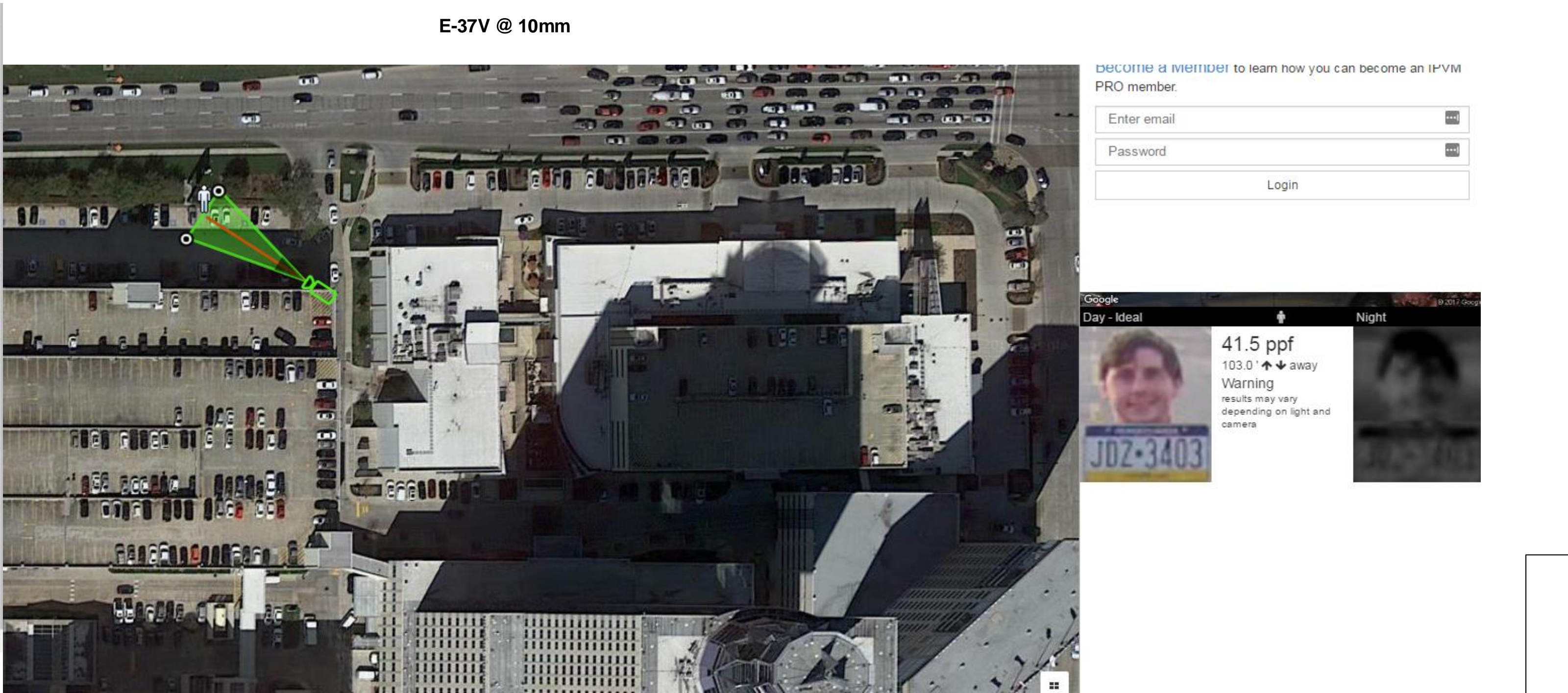
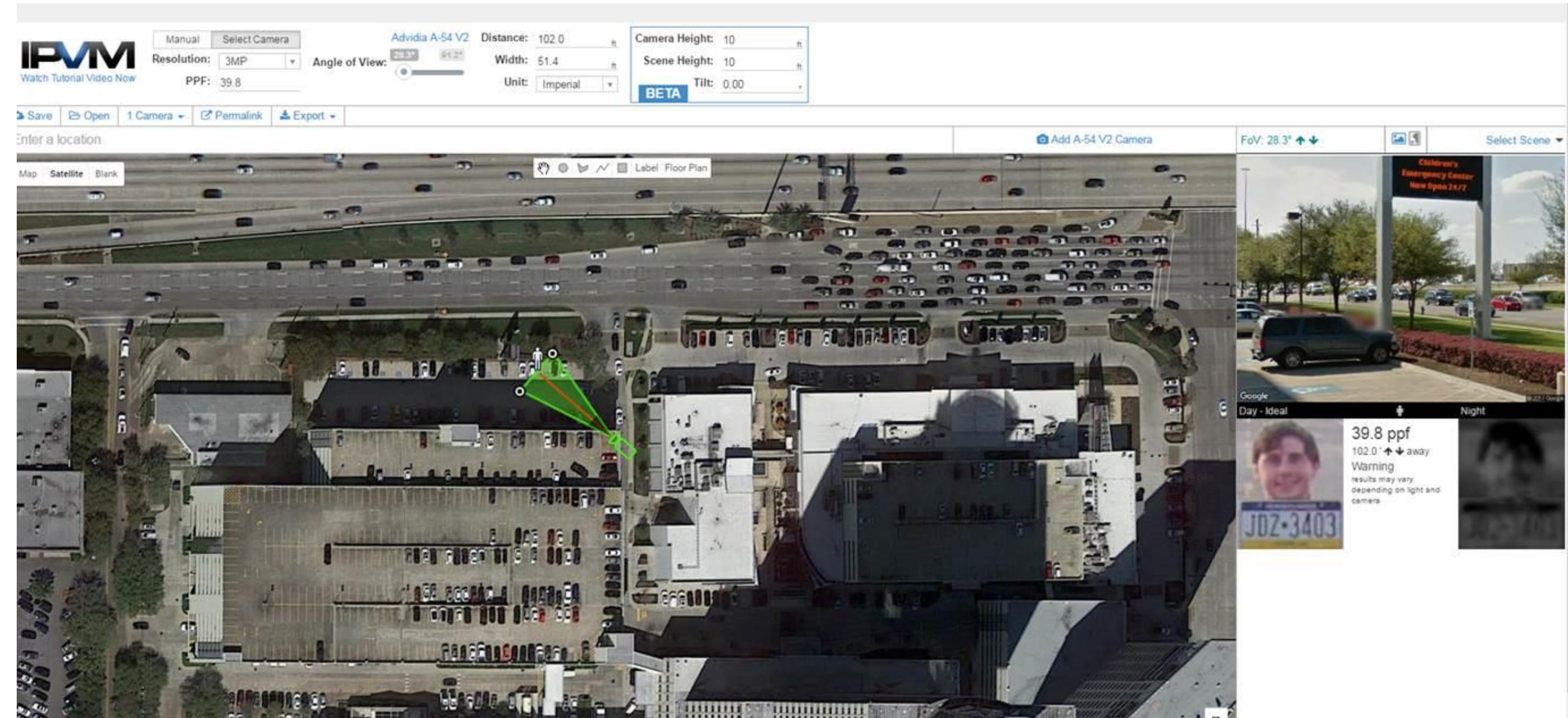
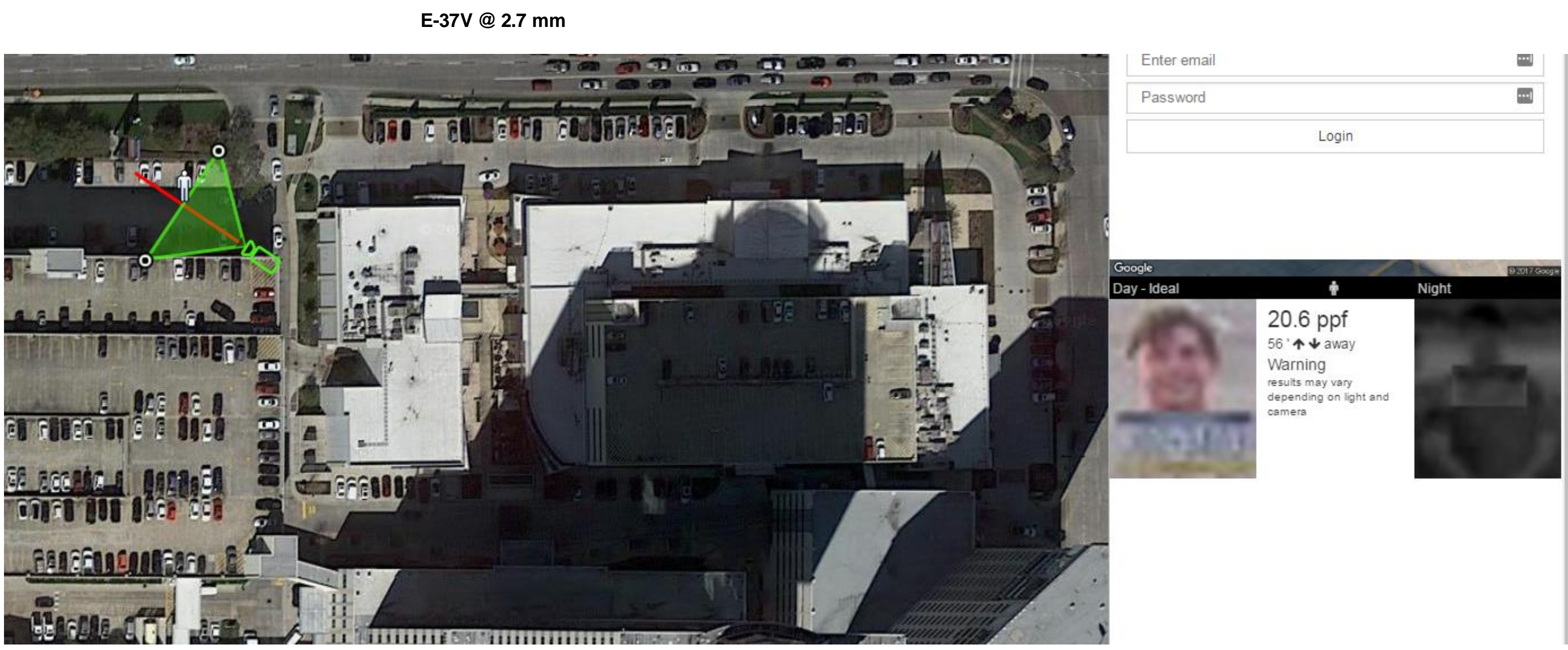
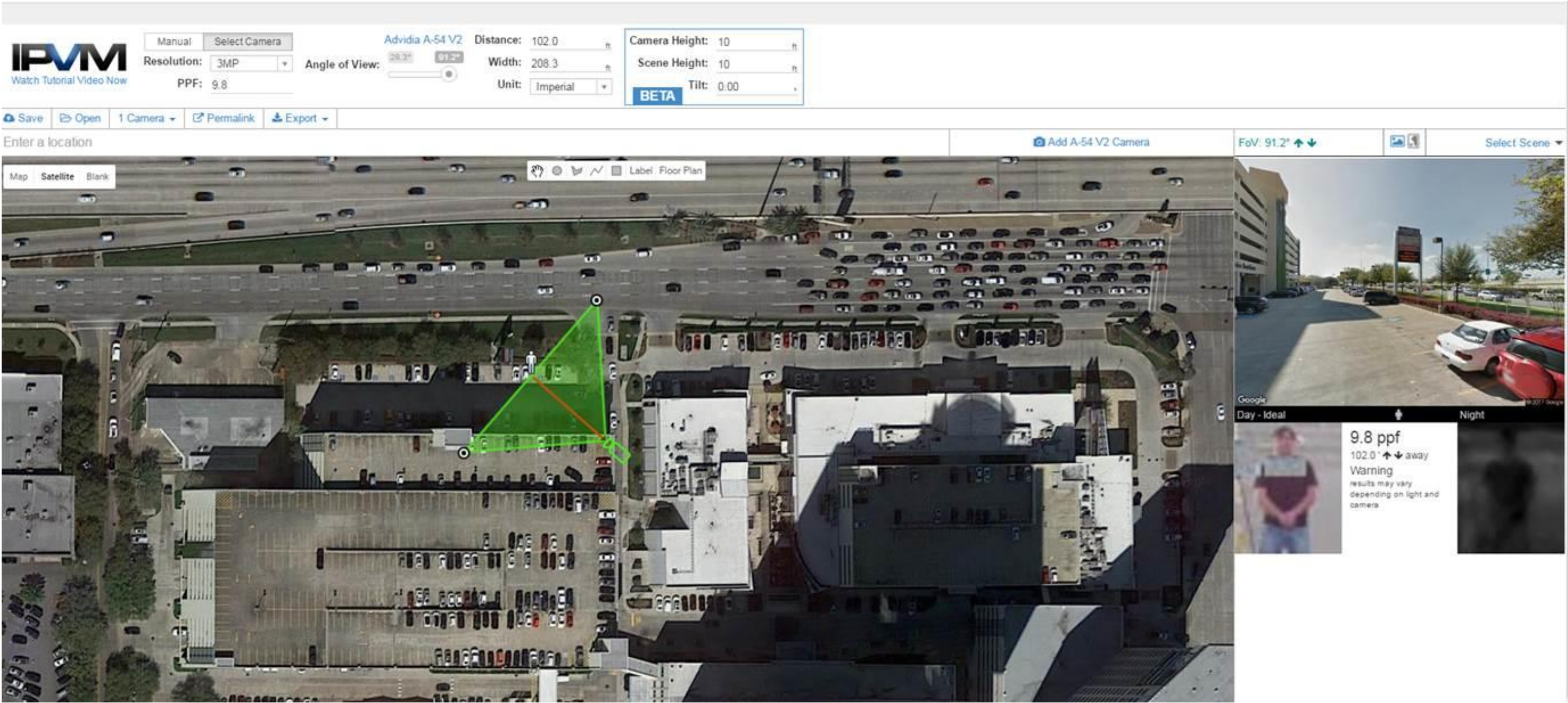
QTY	MANF	MODEL	DESCRIPTION	COLOR
31	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	Red
1	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	Yellow

El Monte High School



VIDEOINSIGHT

El Monte HS		SIZE	FSCM NO	DWG NO		REV
DRAWN	Adam Ring			Drawing Description		1
ISSUED	03/01/2017	SCALE	NTS		SHEET	1 OF 4



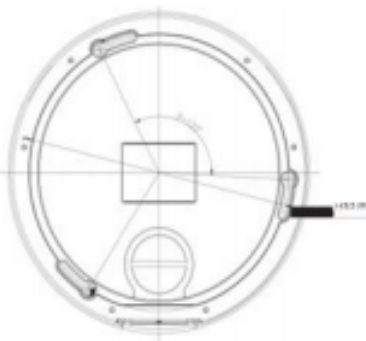
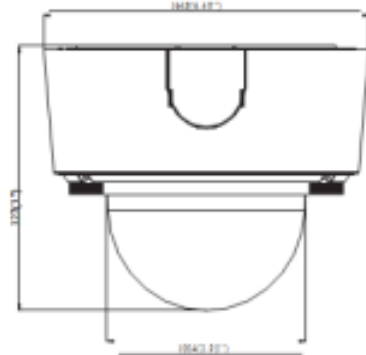
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75Eh, 50I, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

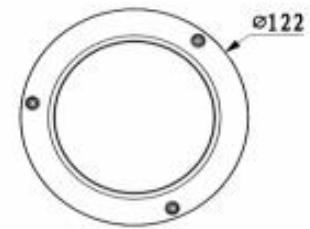
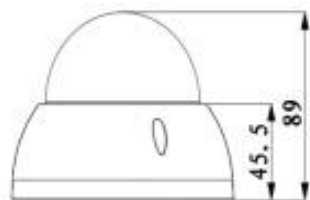
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M8, 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
31	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
1	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

32

3M

H.264

3135

10

40

30

100.32

11819.52

X

+ Add Row

32

100.3 Mbps

11.82 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.

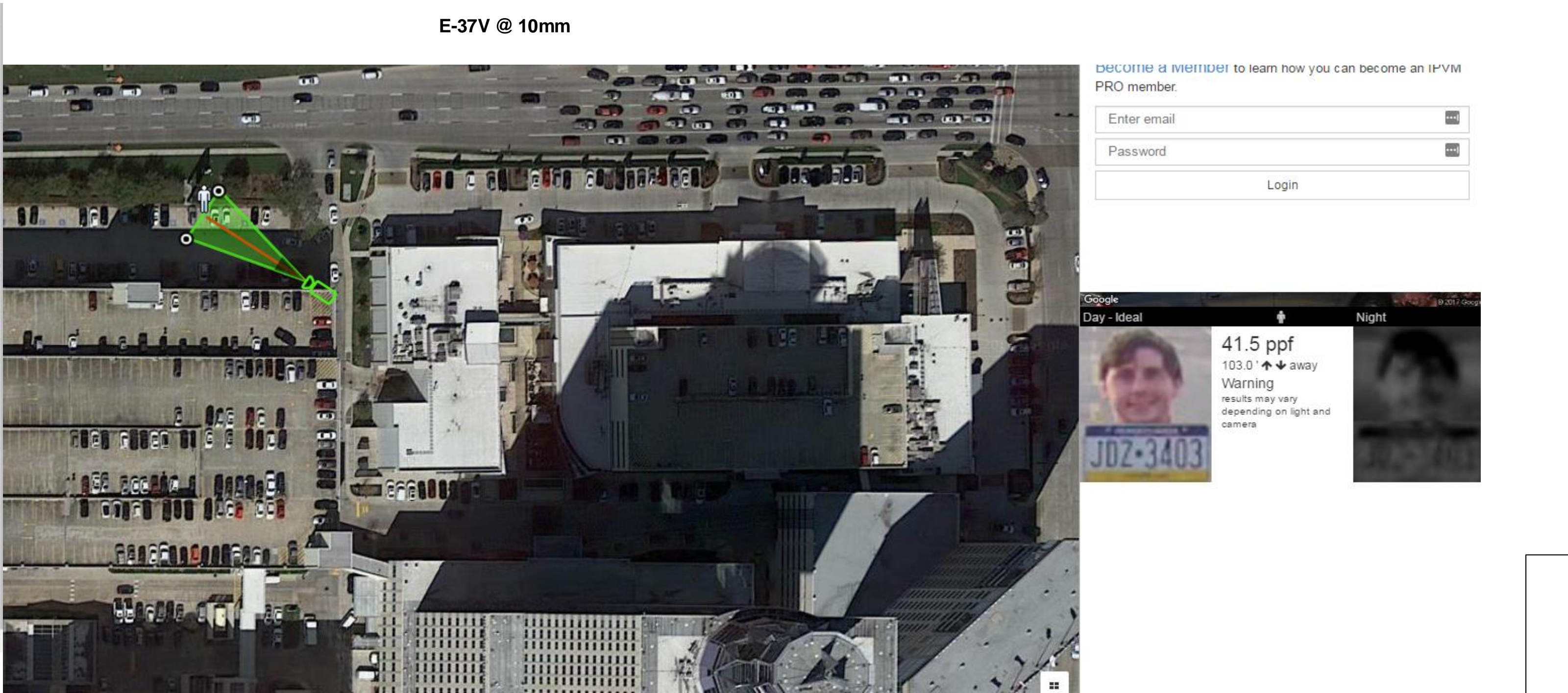
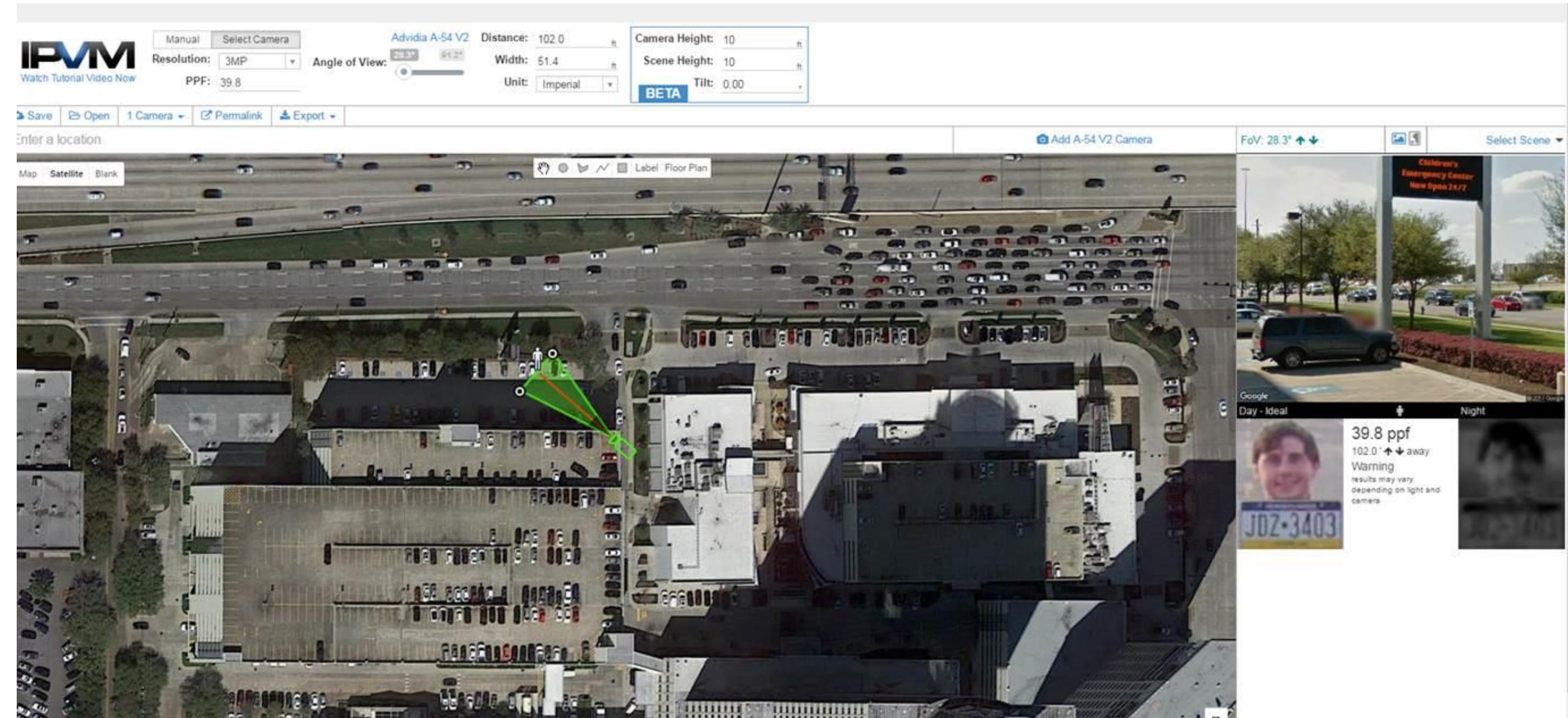
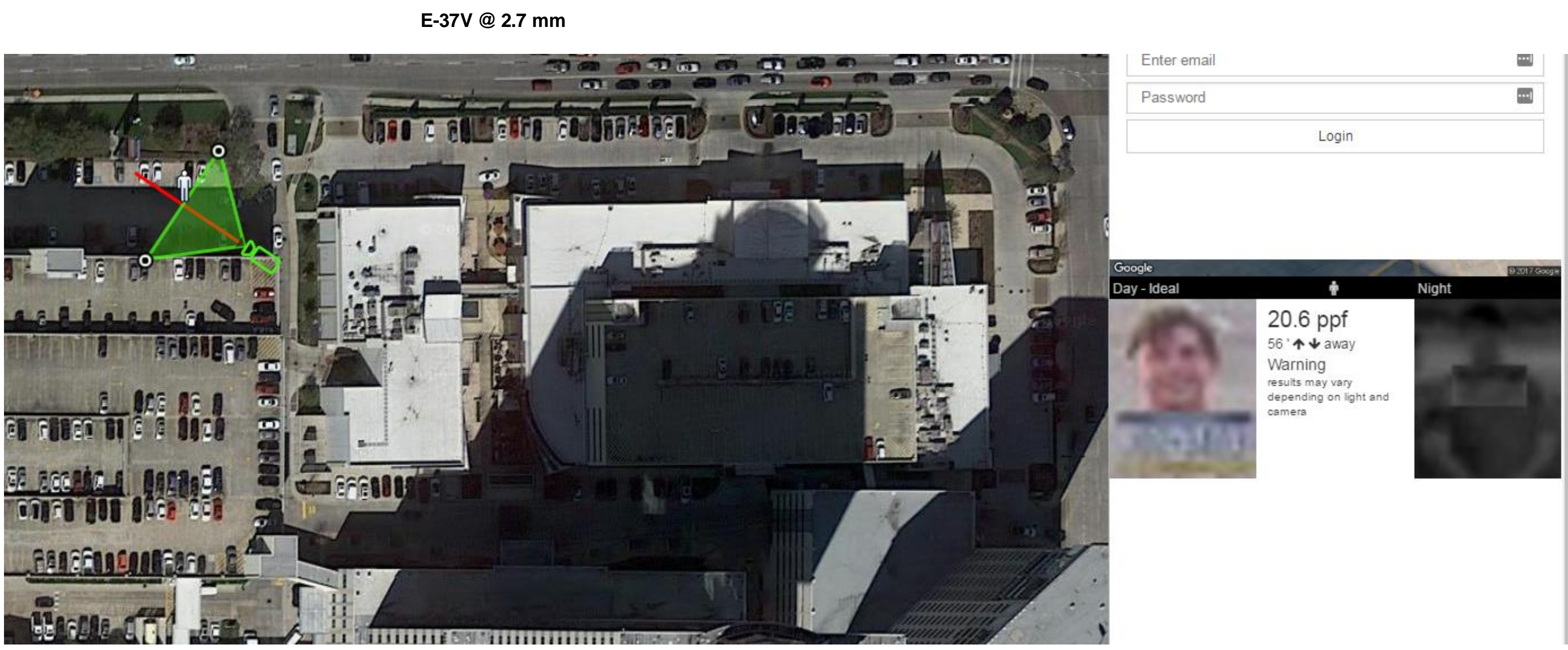
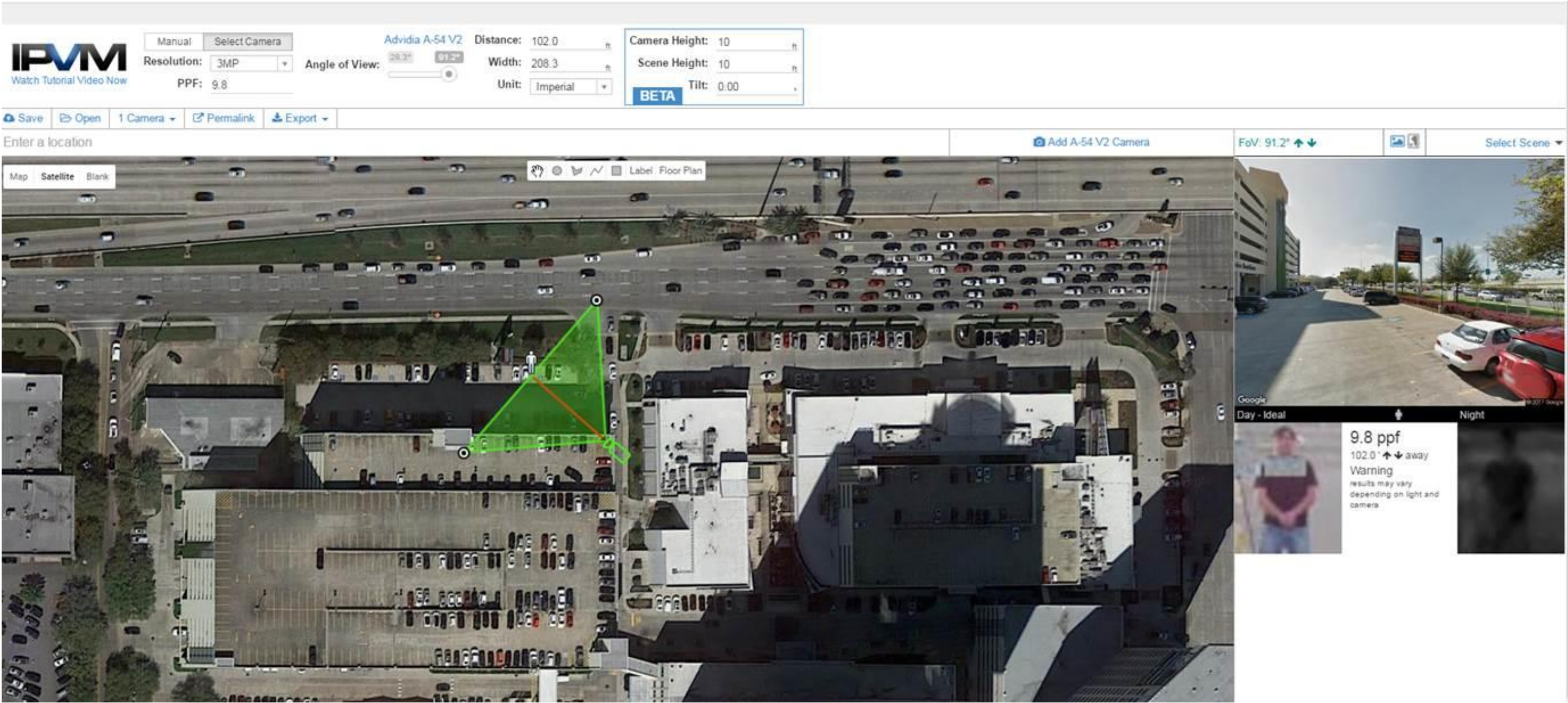
QTY	MANF	MODEL	DESCRIPTION	COLOR
13	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
2	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Fernando Ledesma High School



VIDEOINSIGHT

Fernando Ledesma HS	SIZE / FSCM NO		DWG NO	REV
	DRAWN		Drawing Description	
	ISSUED		SHEET	
Adam Ring		03/01/2017		1 OF 4



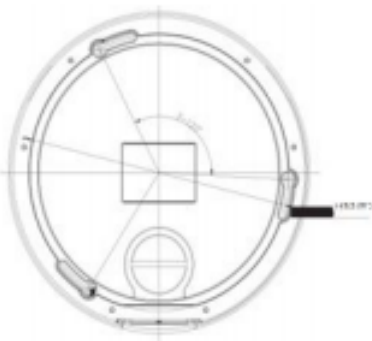
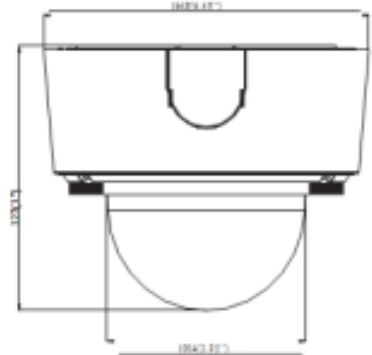
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA,
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75EH, 50J, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

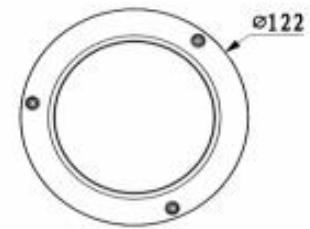
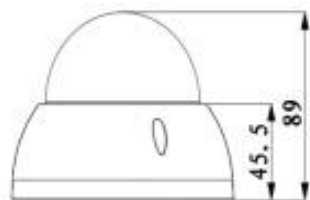
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M& 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
13	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
2	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

32

3M

H.264

3135

10

40

30

100.32

11819.52

X

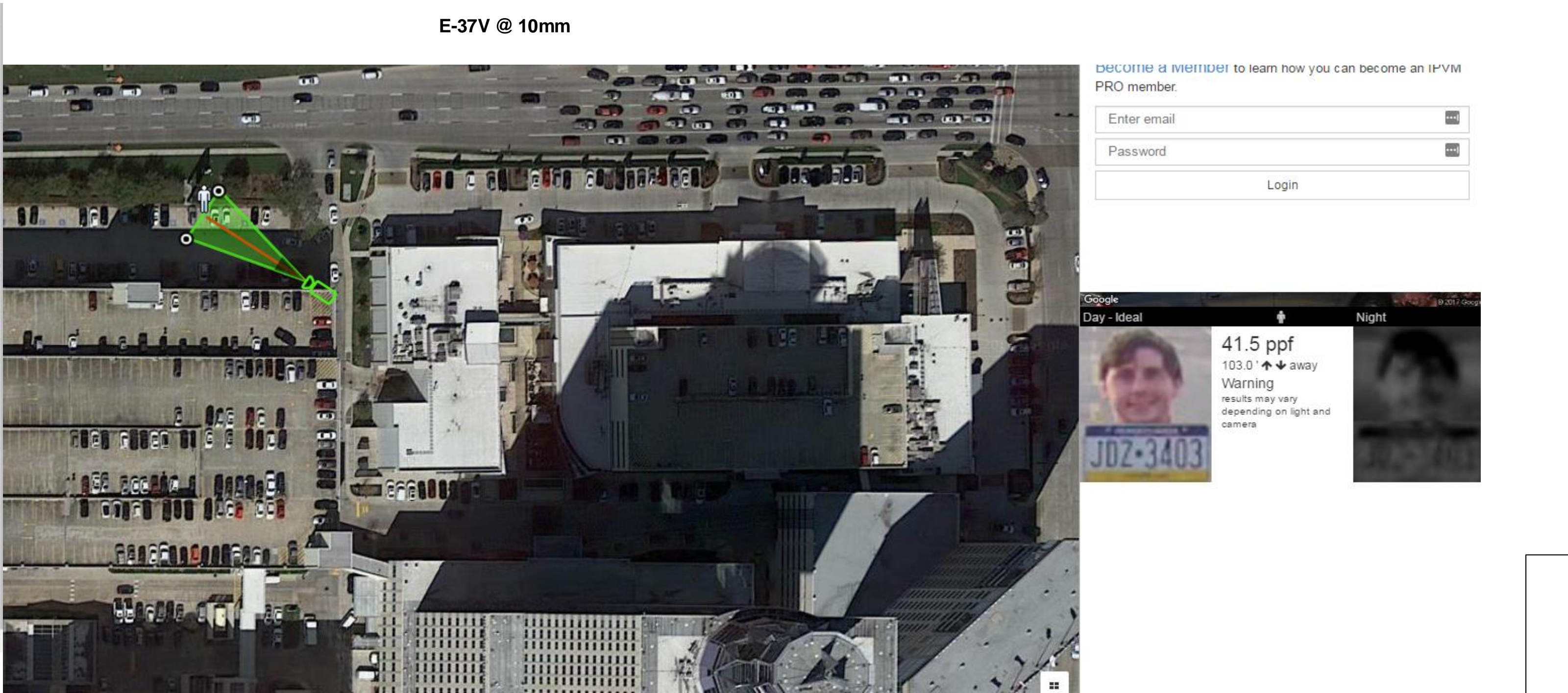
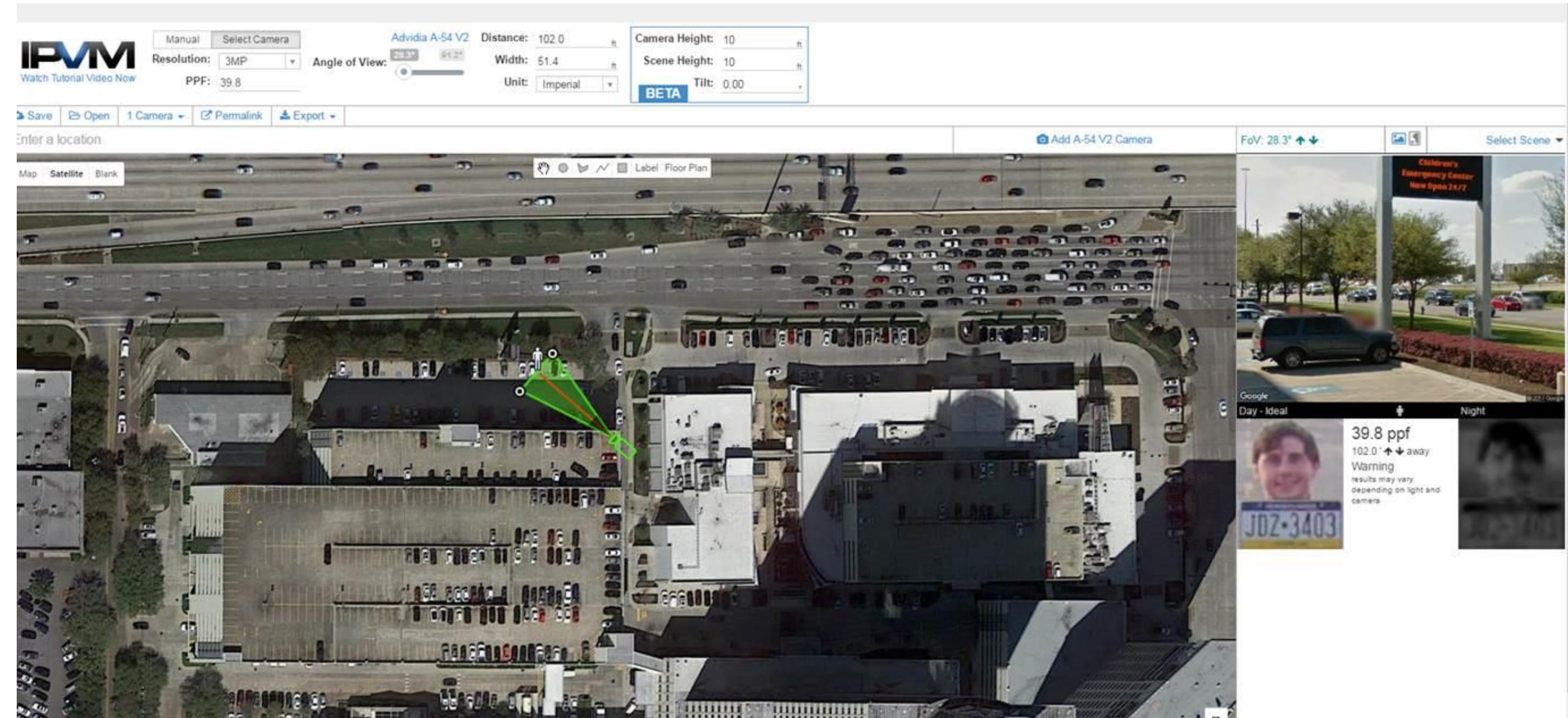
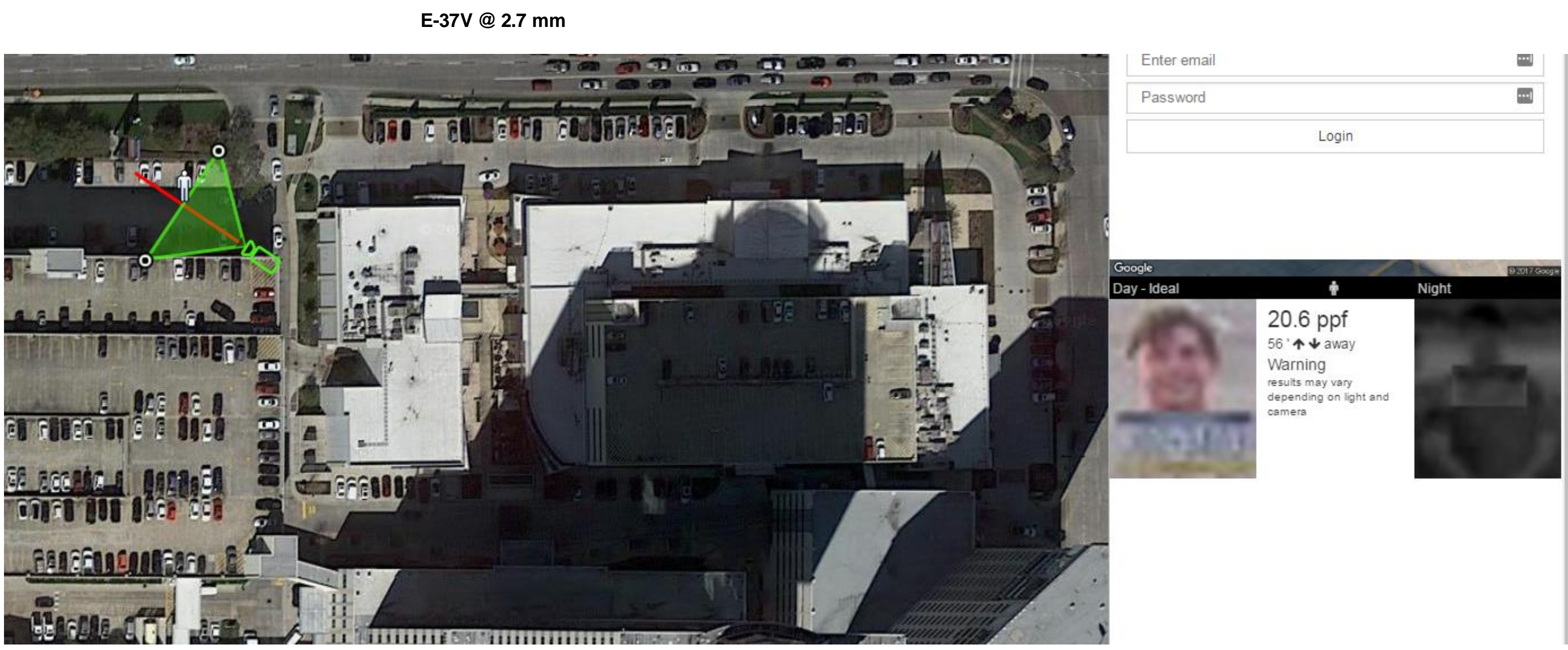
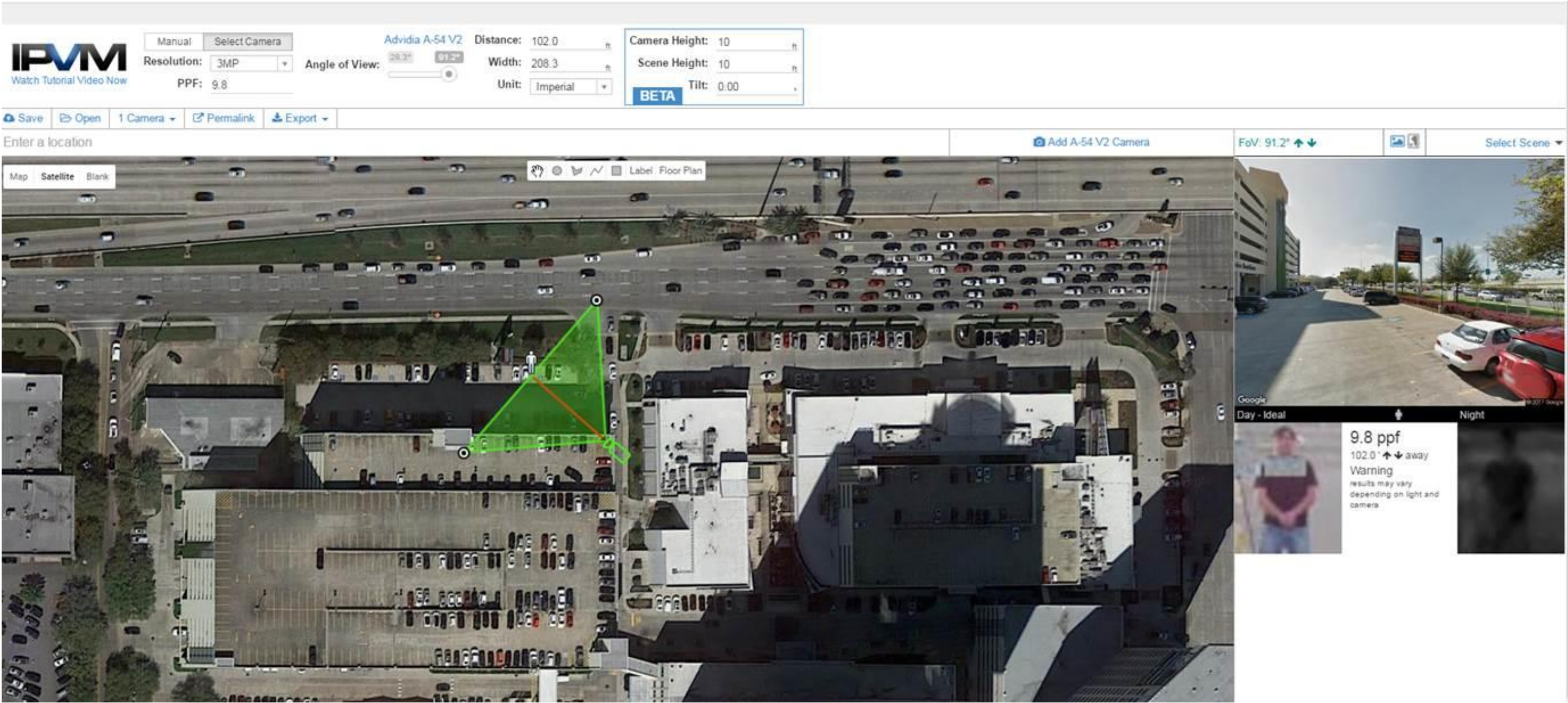
+ Add Row

32

100.3 Mbps

11.82 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.



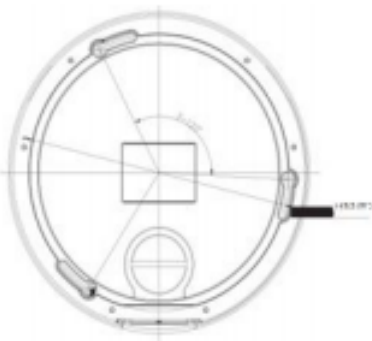
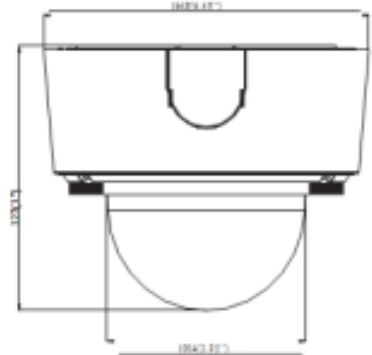
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F – 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75EH, 50J, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

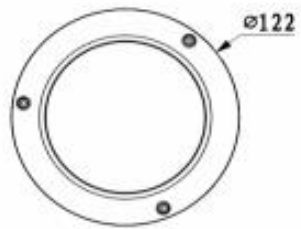
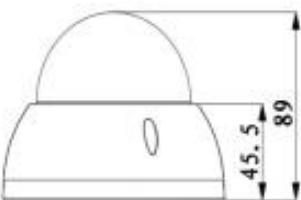
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M8, 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
23	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
1	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

24

3M

H.264

3135

10

40

30

75.24

8864.64

+ Add Row

24

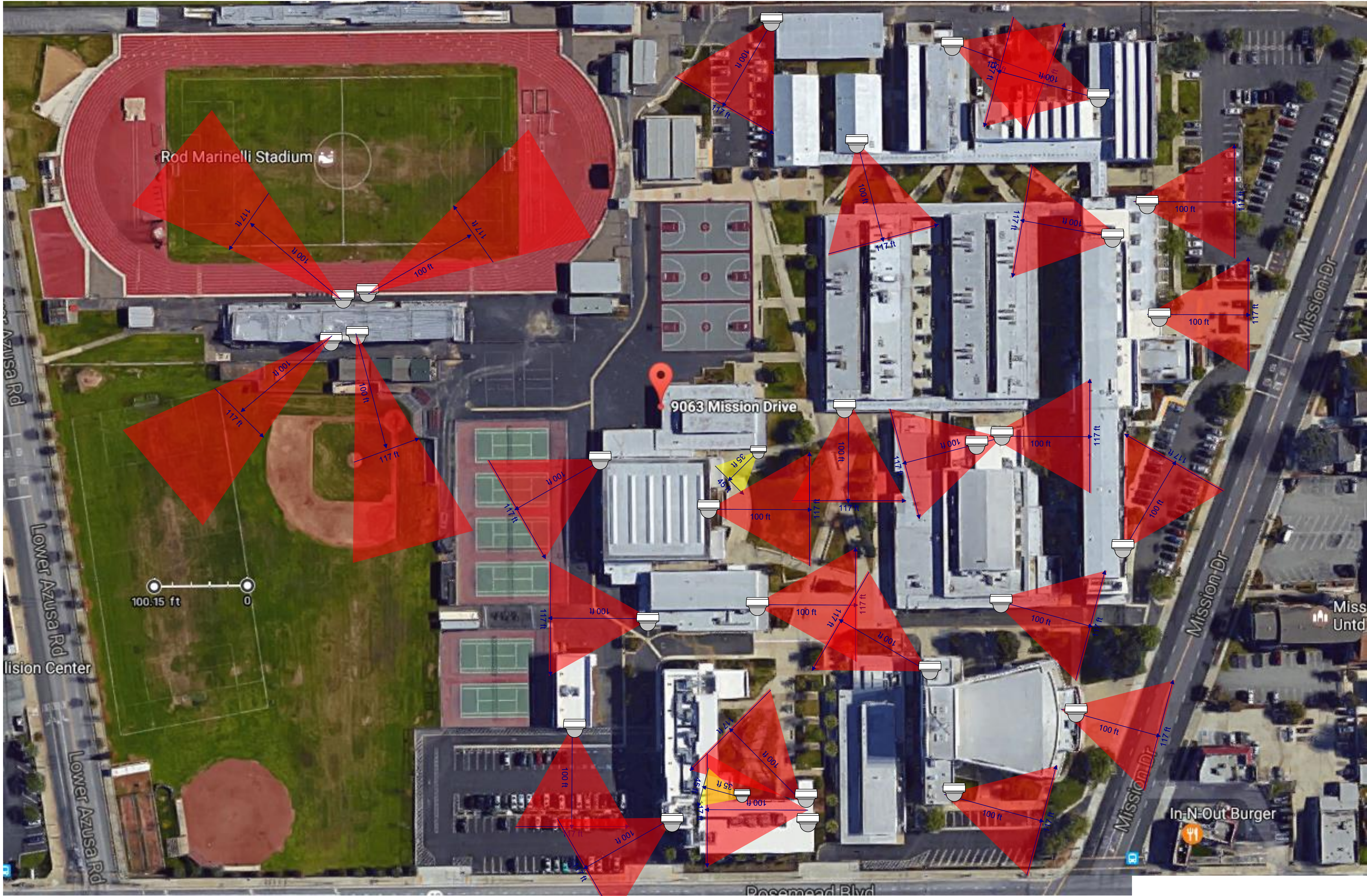
75.2 Mbps

8.86 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.


QTY	MANF	MODEL	DESCRIPTION	COLOR
27	Advitia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	Red
2	Advitia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	Yellow

Rosemead High School



VIDEOINSIGHT

Rosemead HS	SIZE / FSCM NO		DWG NO	REV
	SCALE		Drawing Description	1
	NTS		SHEET	1 OF 4
DRAWN	Adam Ring			
ISSUED	03/06/2017			



Manual Select Camera

Resolution: 3MP

PPF: 9.8

Advidia A-54 V2

Distance: 102.0

Width: 208.3

Unit: Imperial

Camera Height: 10

Scene Height: 10

Tilt: 0.00


BETA

Save Open 1 Camera Permalink Export

Enter a location

Map Satellite Black

Label Floor Plan



Add A-54 V2 Camera

FoV: 91.2°

Google Day - Ideal Night

9.8 ppf
102.0' away
Warning
Results may vary depending on light and camera

IPVM
Watch Tutorial Videos Now

Manual: <input type="button" value="Select Camera"/>	Advidea A-54 V2	Distance: 102.0 ft	Camera Height: 10 ft
Resolution: <input type="button" value="3MP"/>	Angle of View: <input type="text" value="28.3°"/> <input type="text" value="91.2°"/>	Width: 51.4 ft	Scene Height: 10 ft
PPF: 39.8	<input type="text" value="●"/>	Unit: <input type="button" value="Imperial"/>	Tilt: 0.00 °

BETA

1 Camera ▾

 ▾

Enter a location

Map Satellite Blank

Add A-54 V2 Camera

FoV: 28.3° ⬆⬇⬆

Select Scene

Google
Day - Ideal Night

39.8 ppf
102.0 ft away
Warning!
Results may vary depending on light and camera.

E-37V @ 10mm

The image is a composite of three parts. The top part is a Google Street View of a city street, showing a large parking lot filled with cars and a large building. A green laser line is drawn from a point on the left side of the image, pointing towards a specific area in the parking lot. The middle part is a screenshot of a website interface, showing a login form with fields for 'Enter email' and 'Password', and a 'Login' button. The bottom part is a screenshot of a Google search result, showing a profile picture of a man, the text '41.5 ppf', '103.0' away', and a warning message: 'Warning results may vary depending on light and camera'. The license plate 'JDZ-3403' is visible.

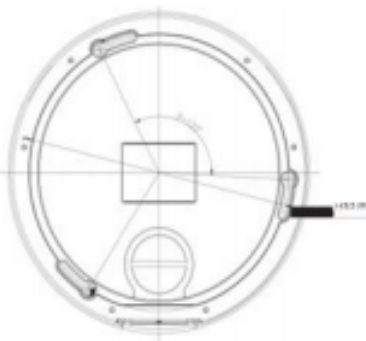
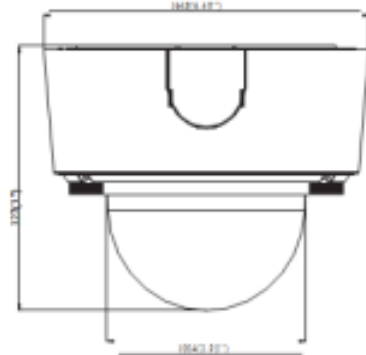
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) / (1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75Eh, 50l, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

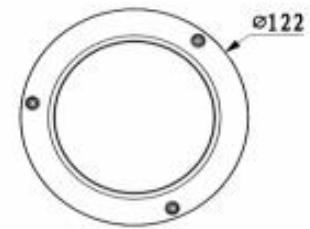
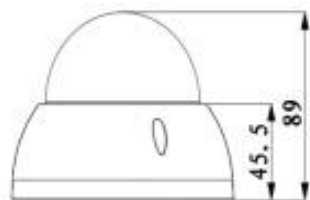
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M8, 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
27	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
2	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

29

3M

H.264

3135

10

40

30

90.92

10711.44

+ Add Row

29

90.9 Mbps

10.71 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.

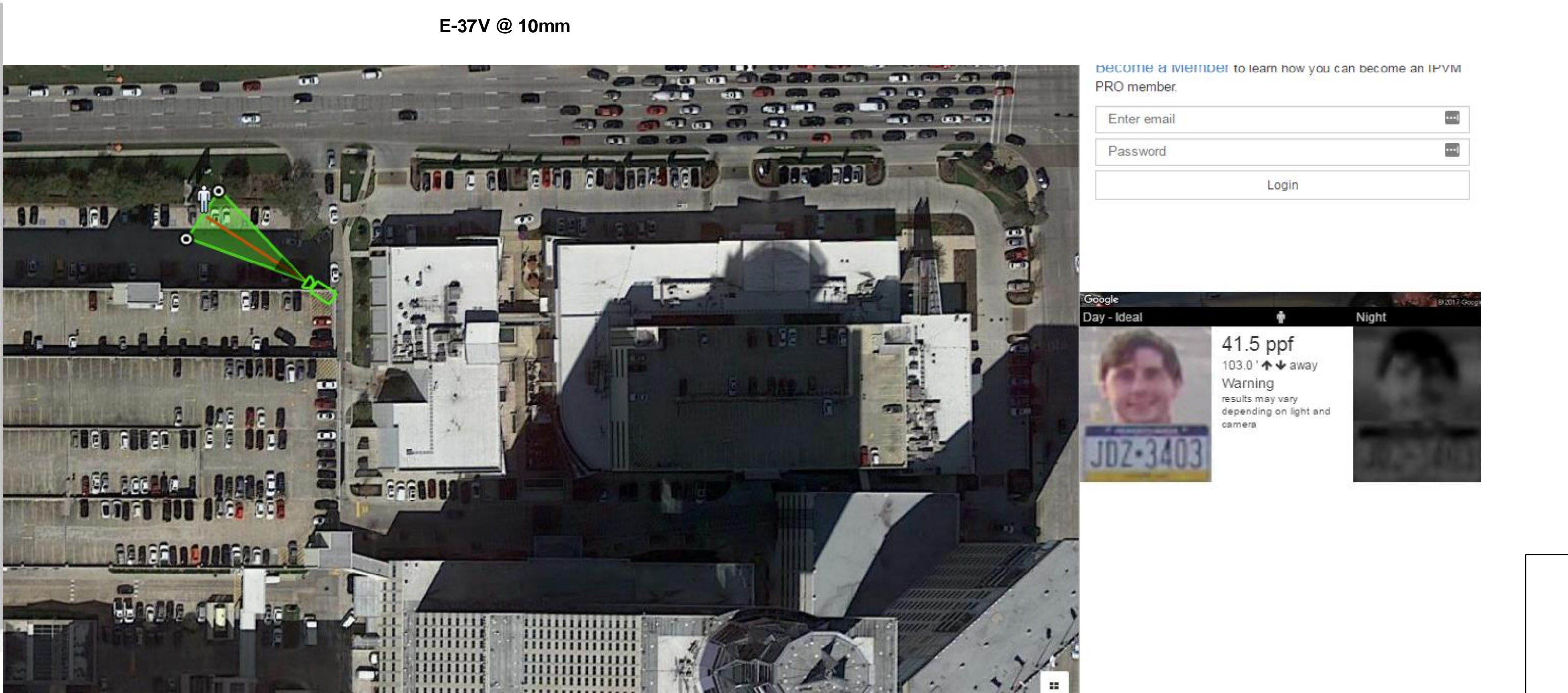
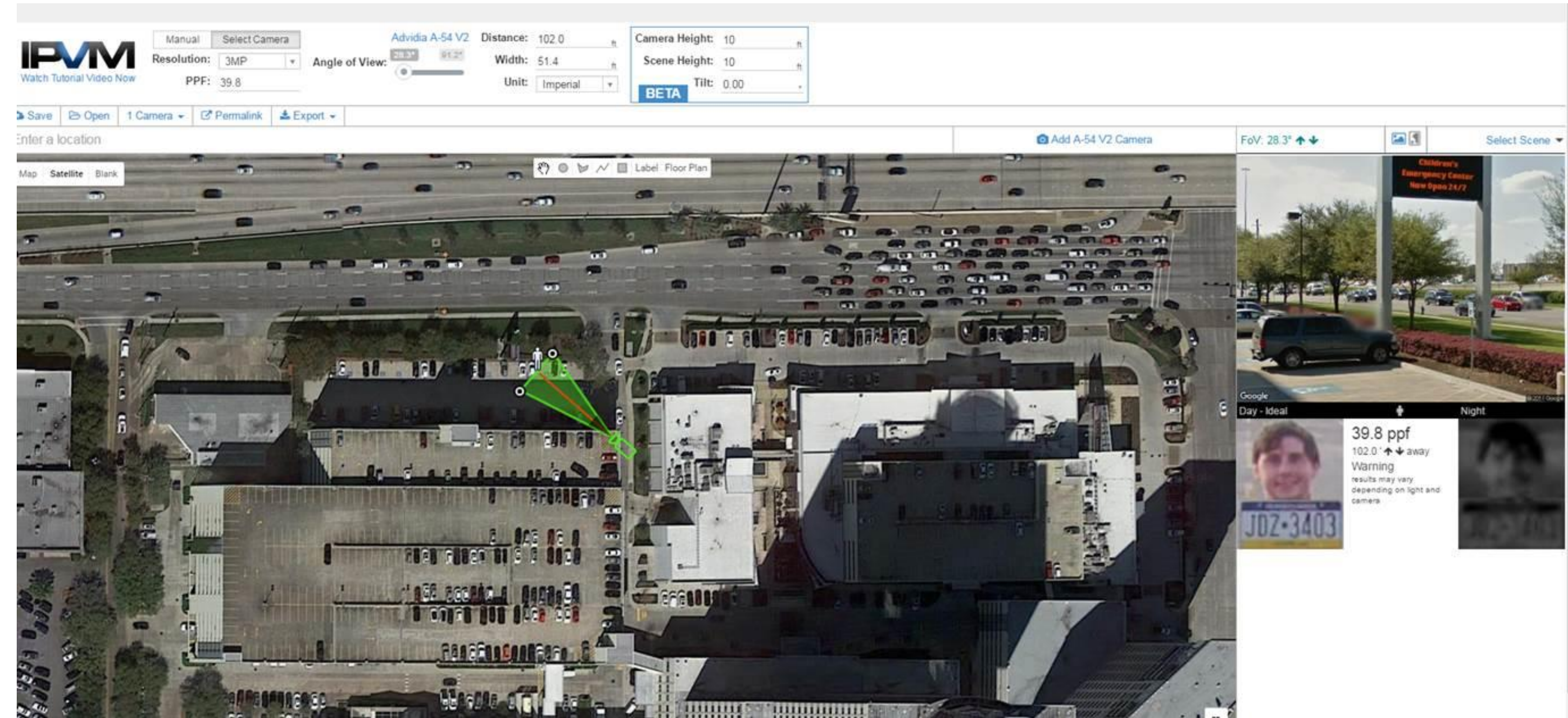
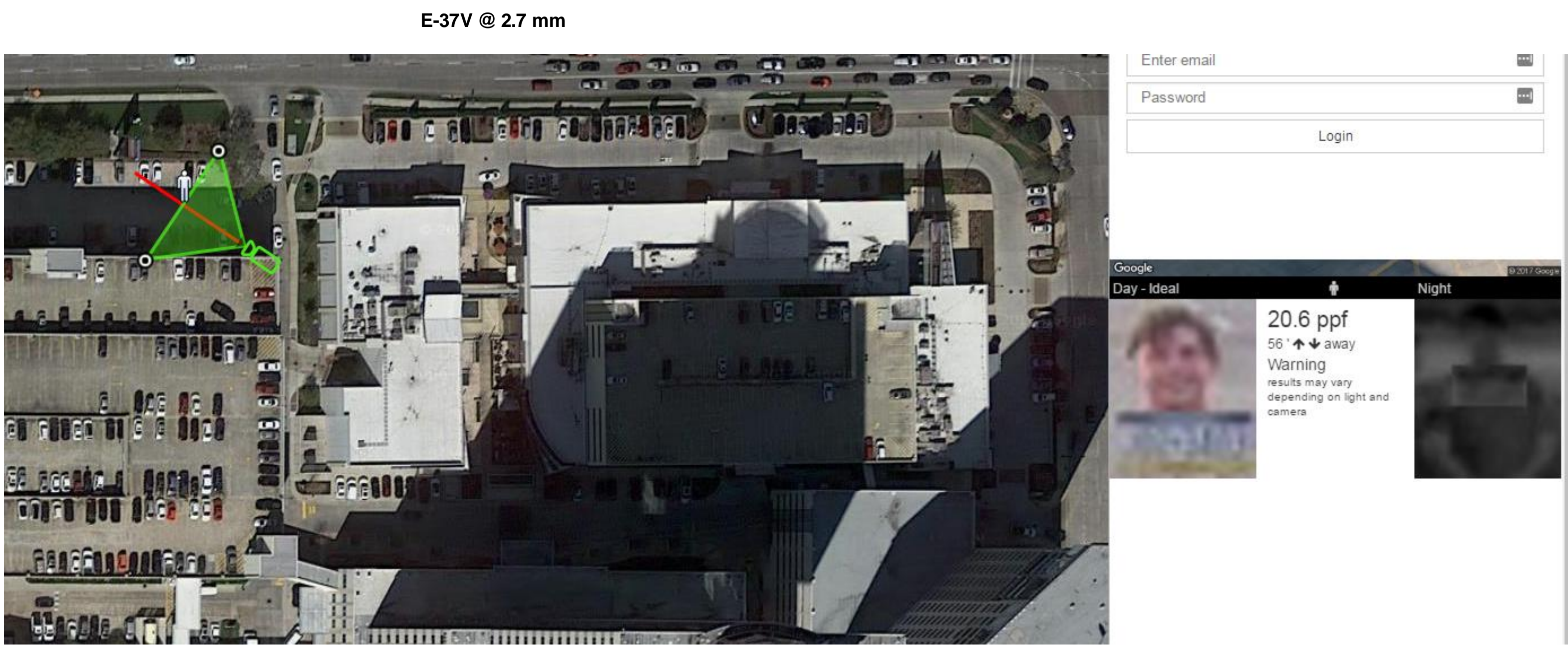
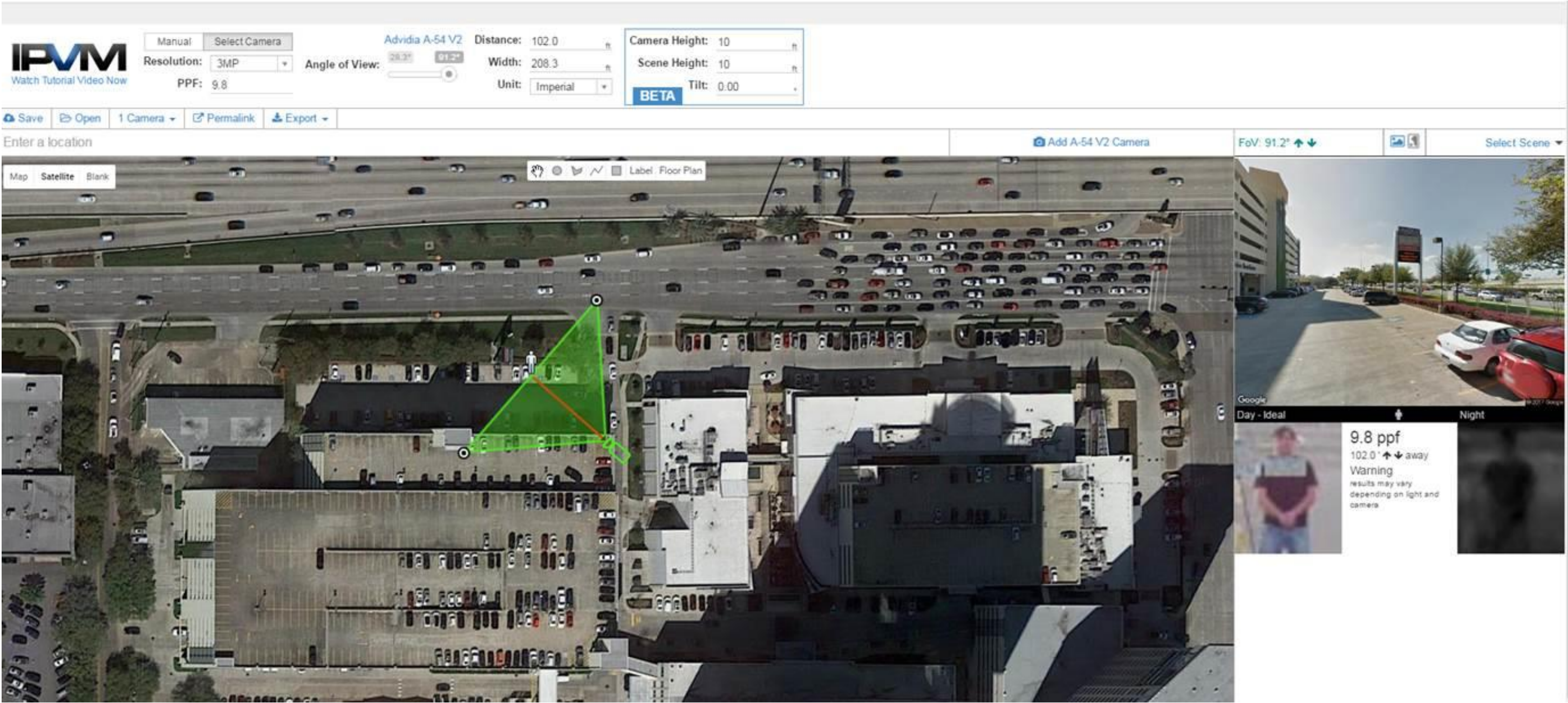
QTY	MANF	MODEL	DESCRIPTION	COLOR
21	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	Red
6	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	Yellow

South El Monte High School



VIDEOINSIGHT

South El Monte HS			DWG NO		REV
			SIZE	FSCM NO	1
DRAWN	Adam Ring		Drawing Description		
ISSUED	02/15/2017		SCALE	NTS	SHEET
			1 OF 4		



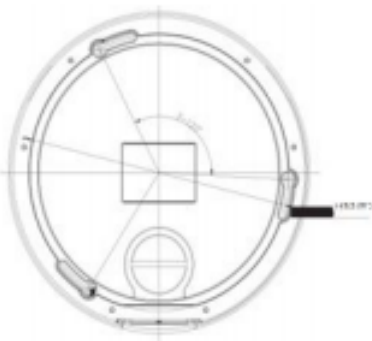
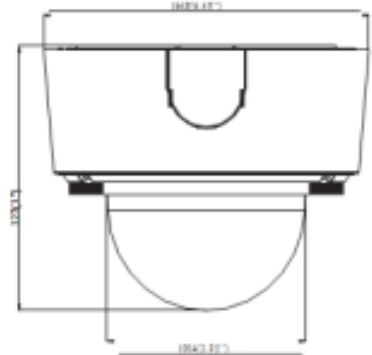
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75Eh, 50I, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

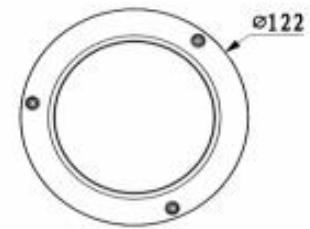
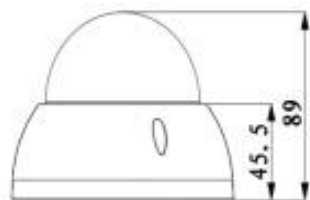
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M8, 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>



QTY	MANF	MODEL	DESCRIPTION	COLOR
21	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
6	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

27

3M

H.264

3135

10

40

30

84.64

9972.72

+ Add Row

27

84.6 Mbps

9.97 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.

South El Monte HS	SIZE	DWG NO	
	FSCM NO	Drawing Description	
			REV 1
DRAWN	Adam Ring	SHEET	4 OF 4
ISSUED	02/15/2017		

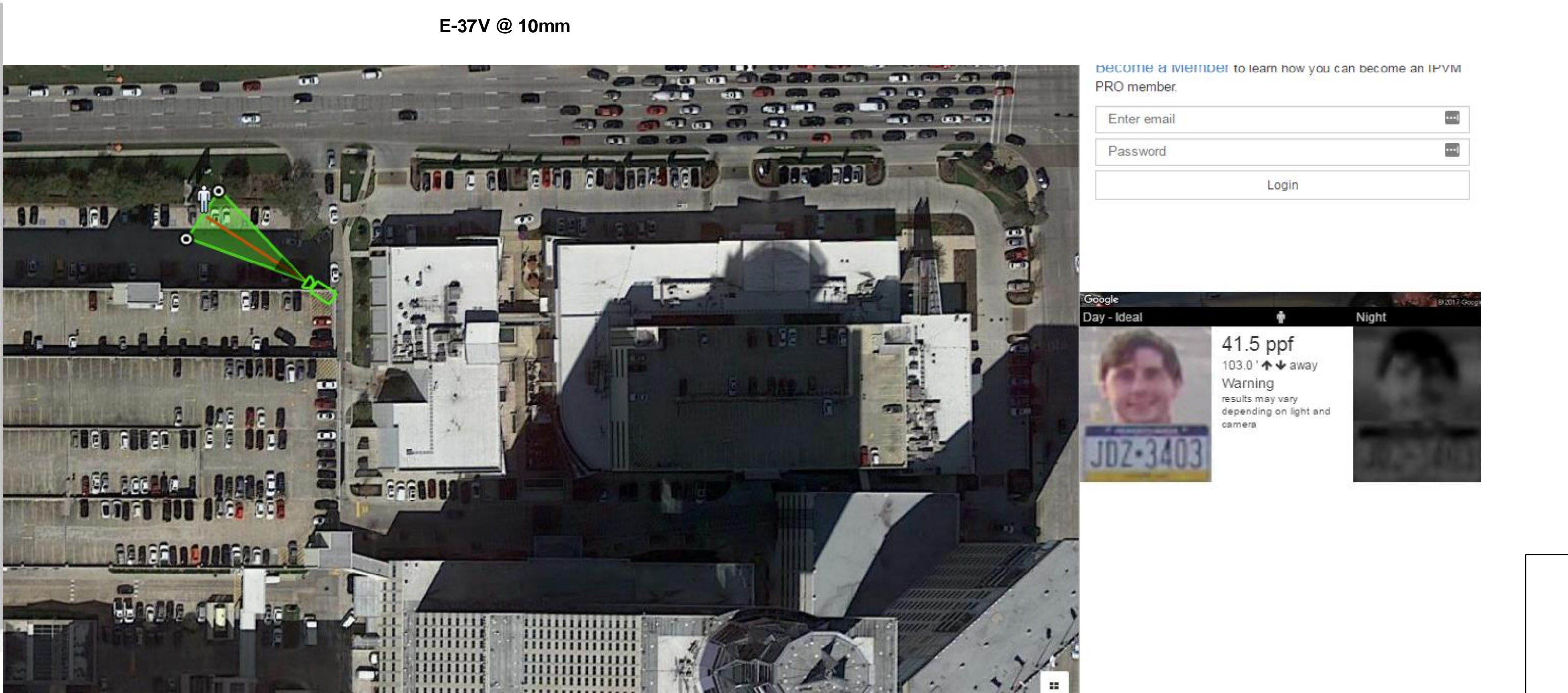
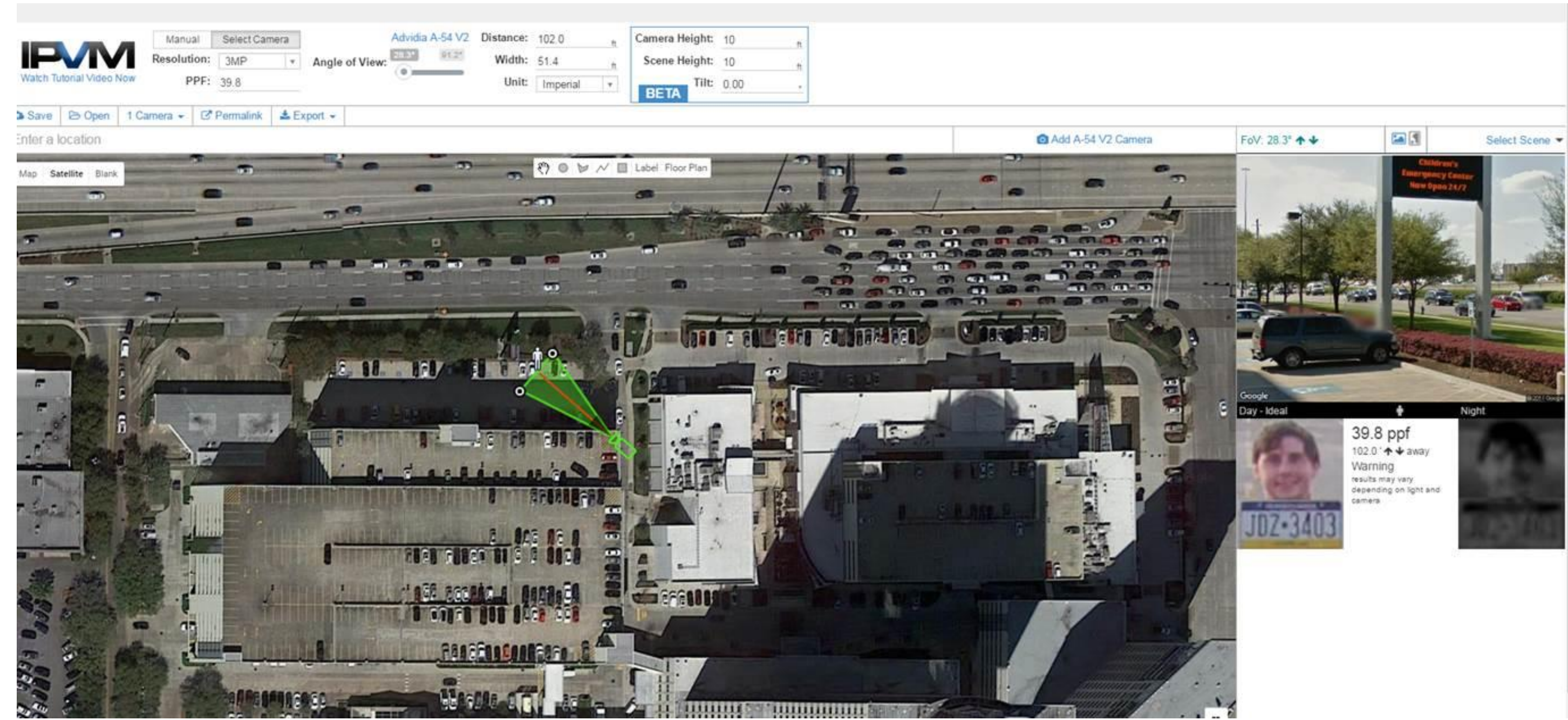
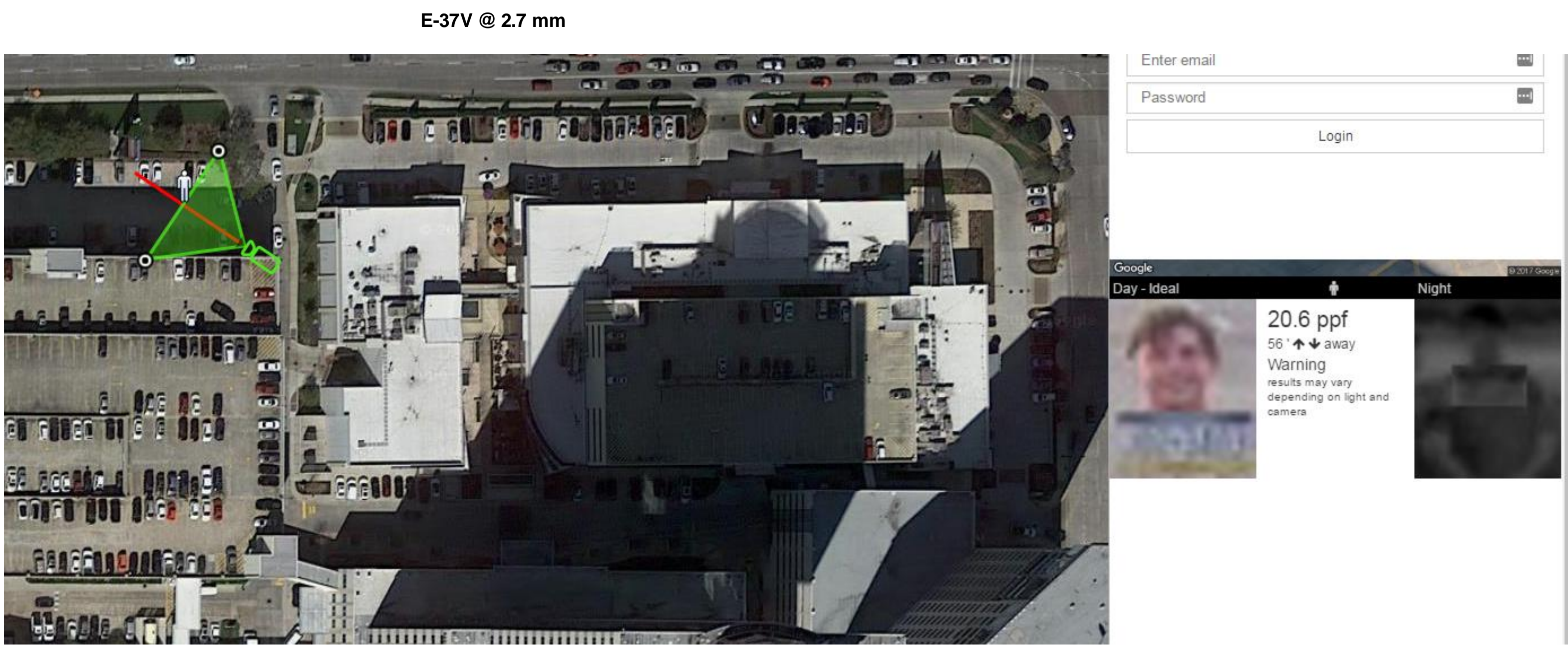
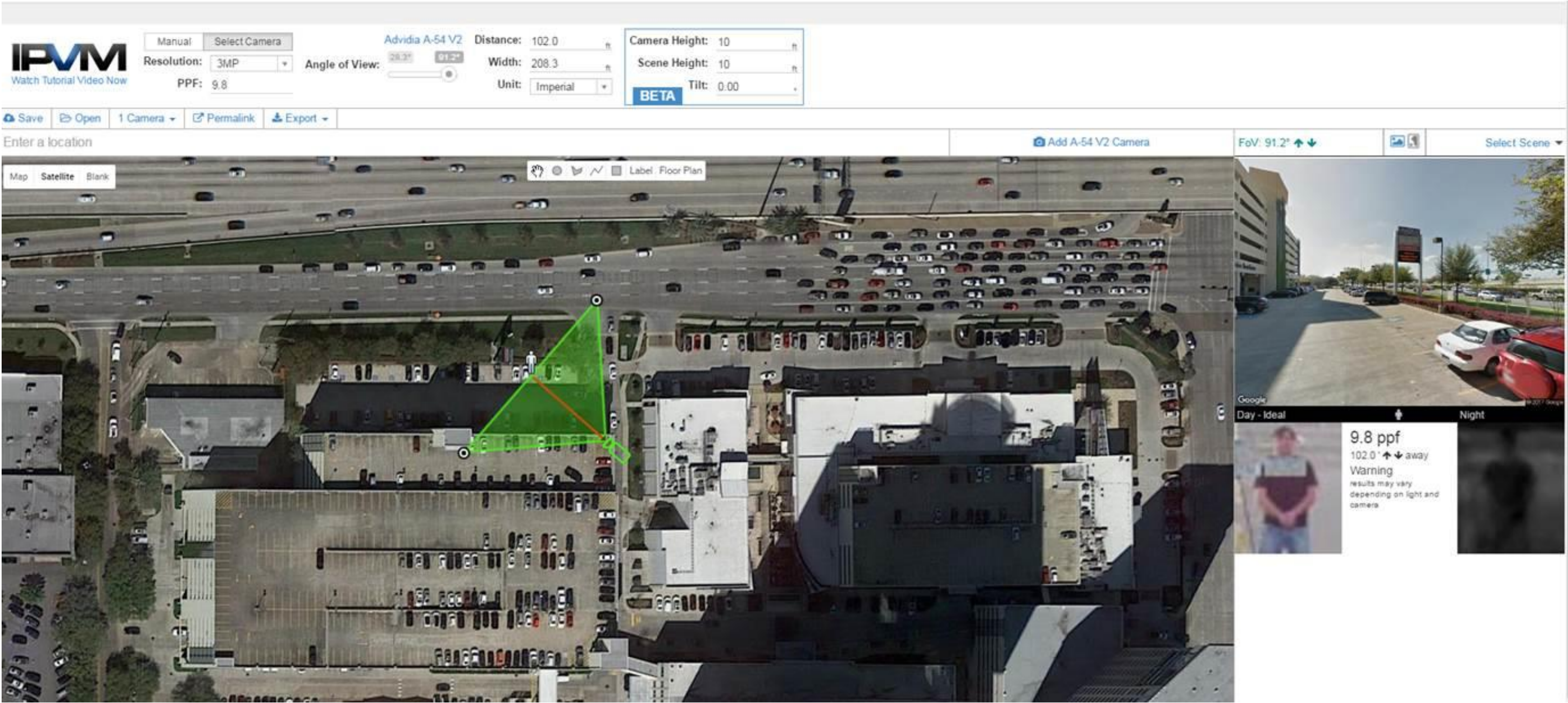
QTY	MANF	MODEL	DESCRIPTION	COLOR
12	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	Red
4	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	Yellow

Granada Transition Center



VIDEOINSIGHT

Granada Transition	SIZE / FSCM NO		DWG NO	REV
	SCALE		Drawing Description	1
	NTS		SHEET	1 OF 4
DRAWN	Adam Ring			
ISSUED	03/03/2017			



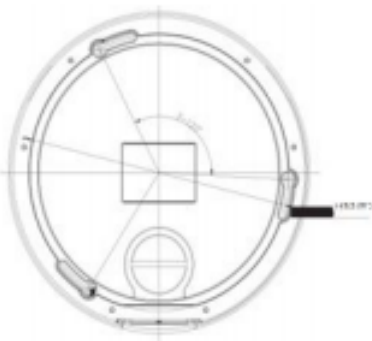
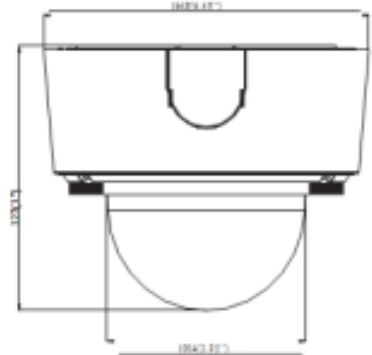
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA,
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75Eh, 50I, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

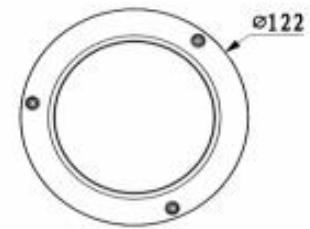
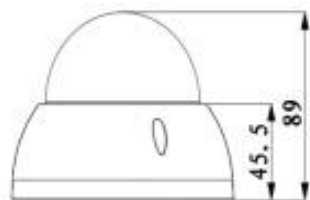
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M& 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
12	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
4	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

16

3M

H.264

3135

10

40

30

50.16

5909.76

X

+ Add Row

16

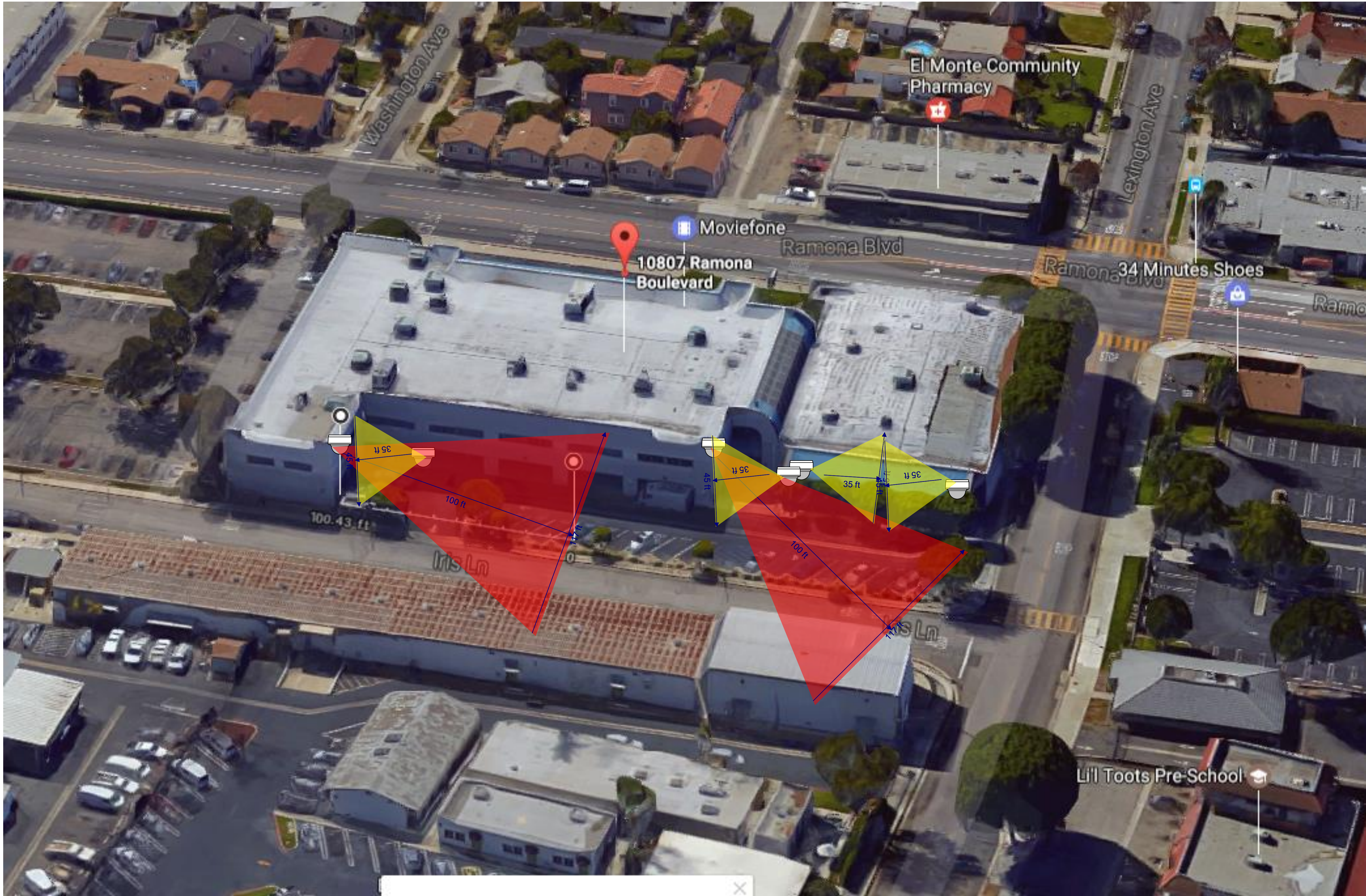
50.2 Mbps

5.91 TB

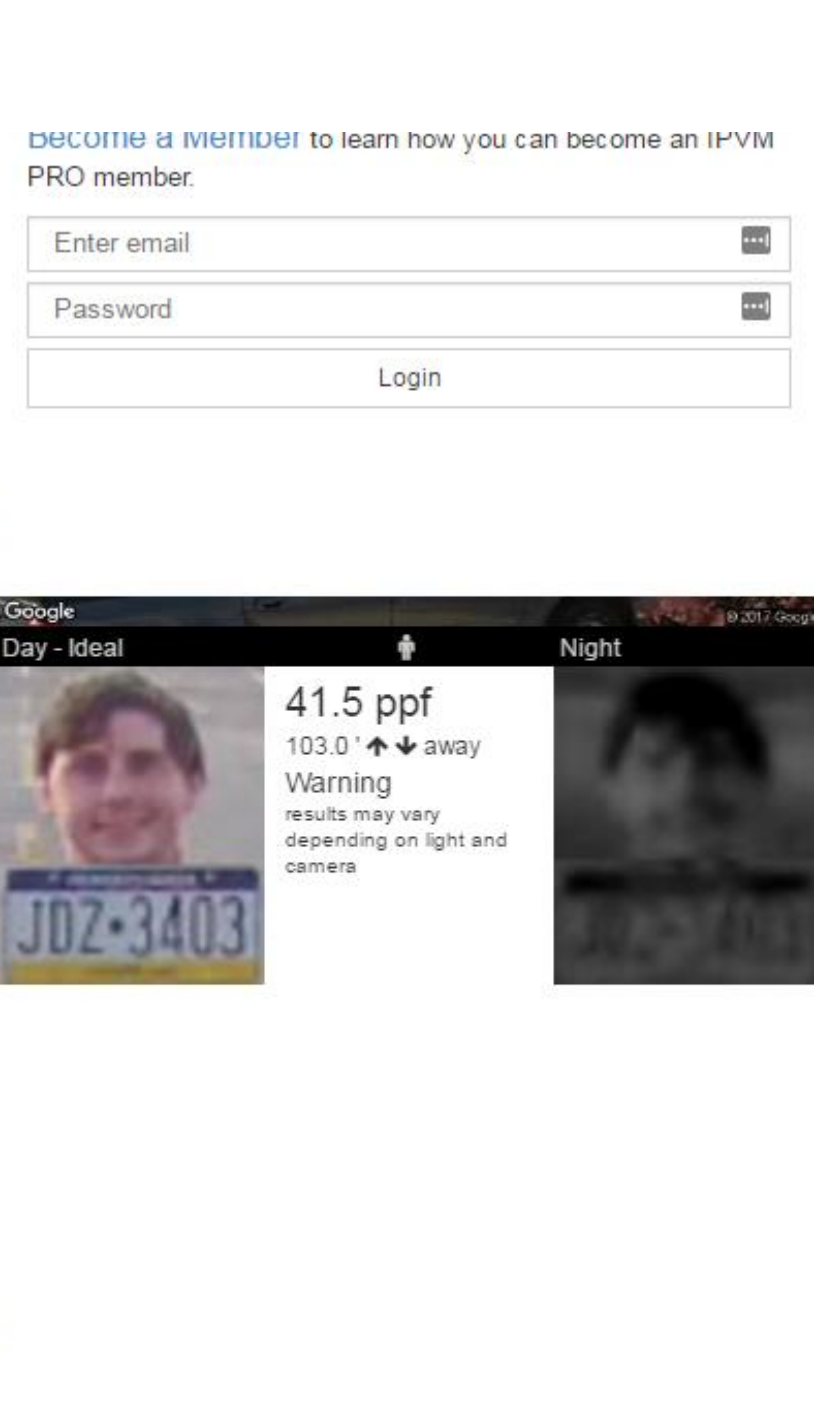
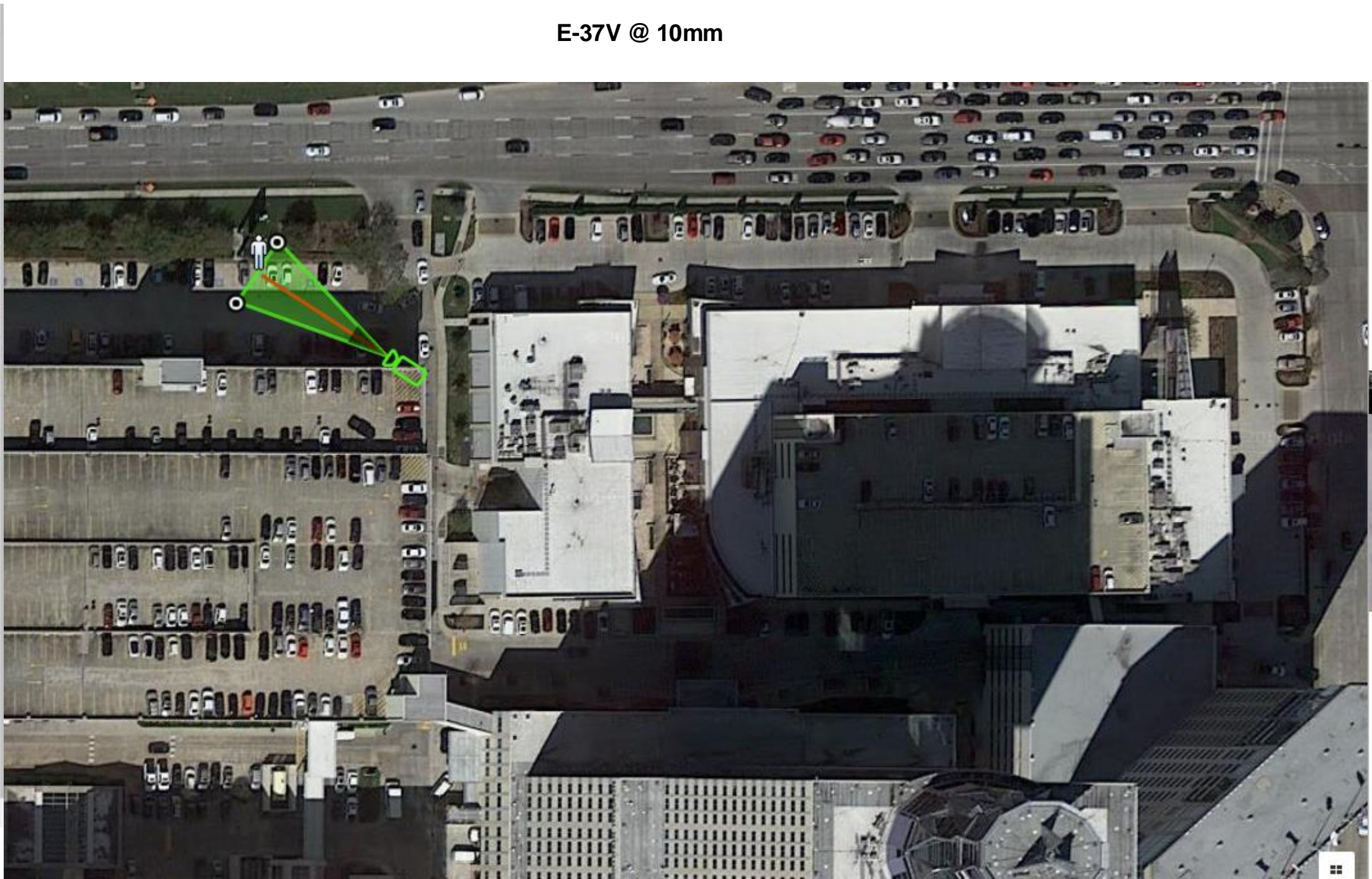
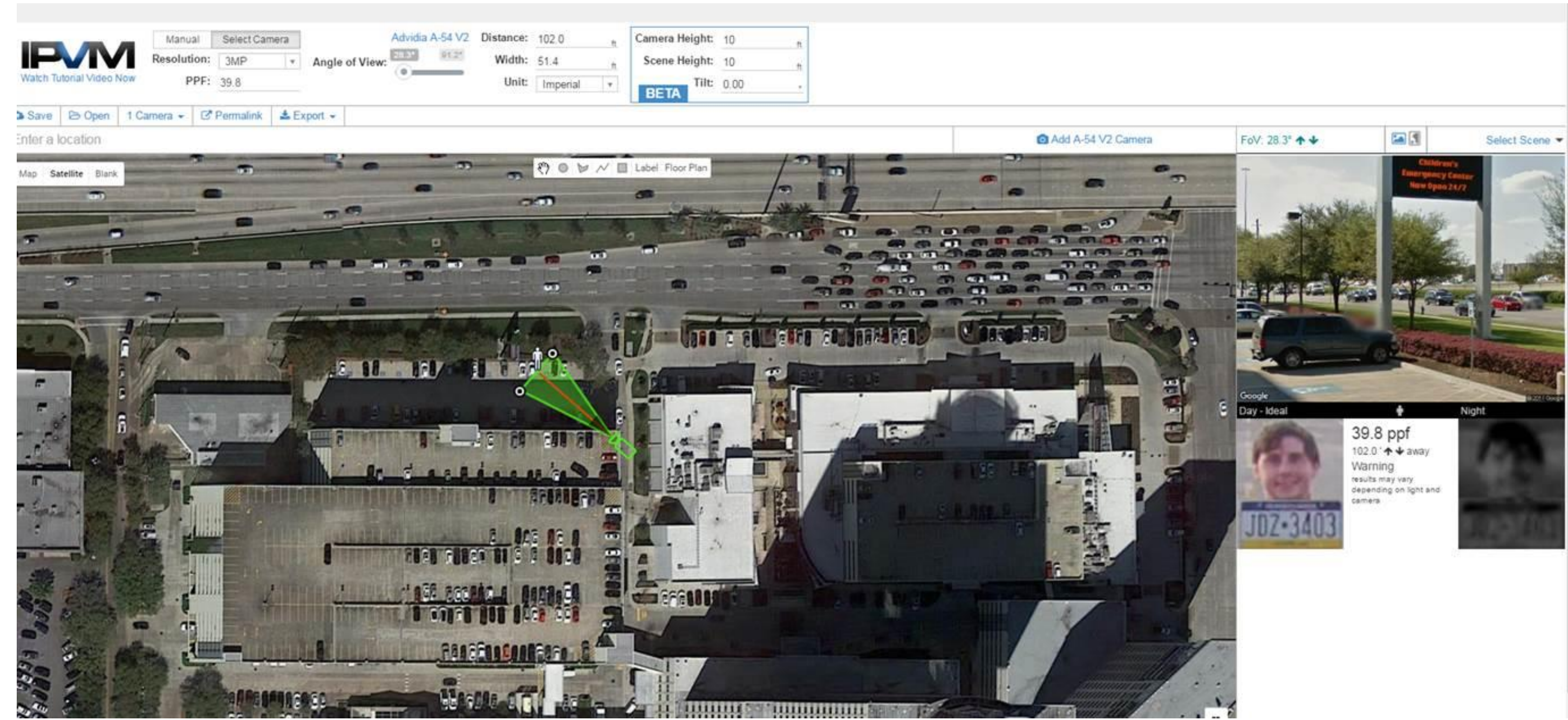
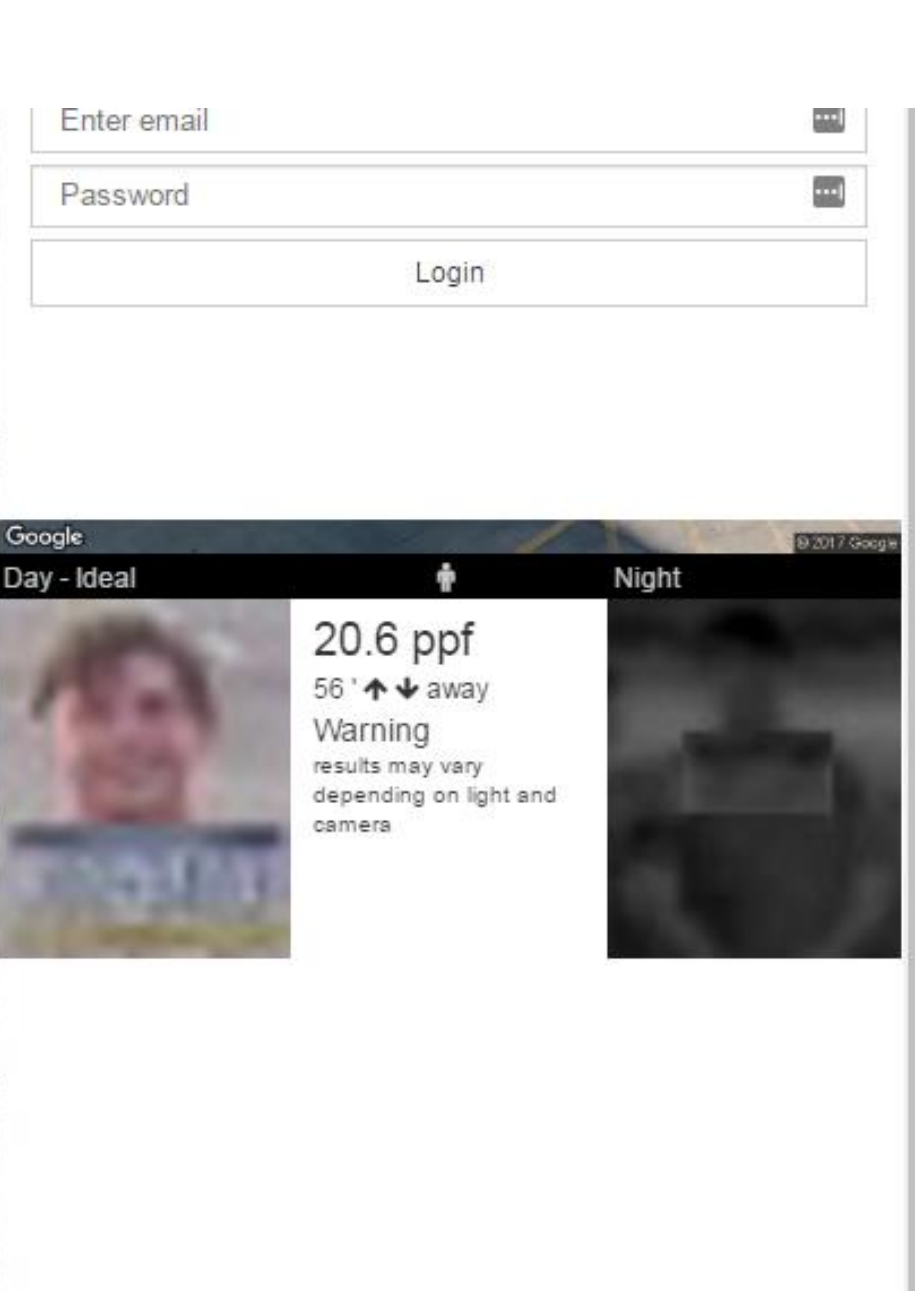
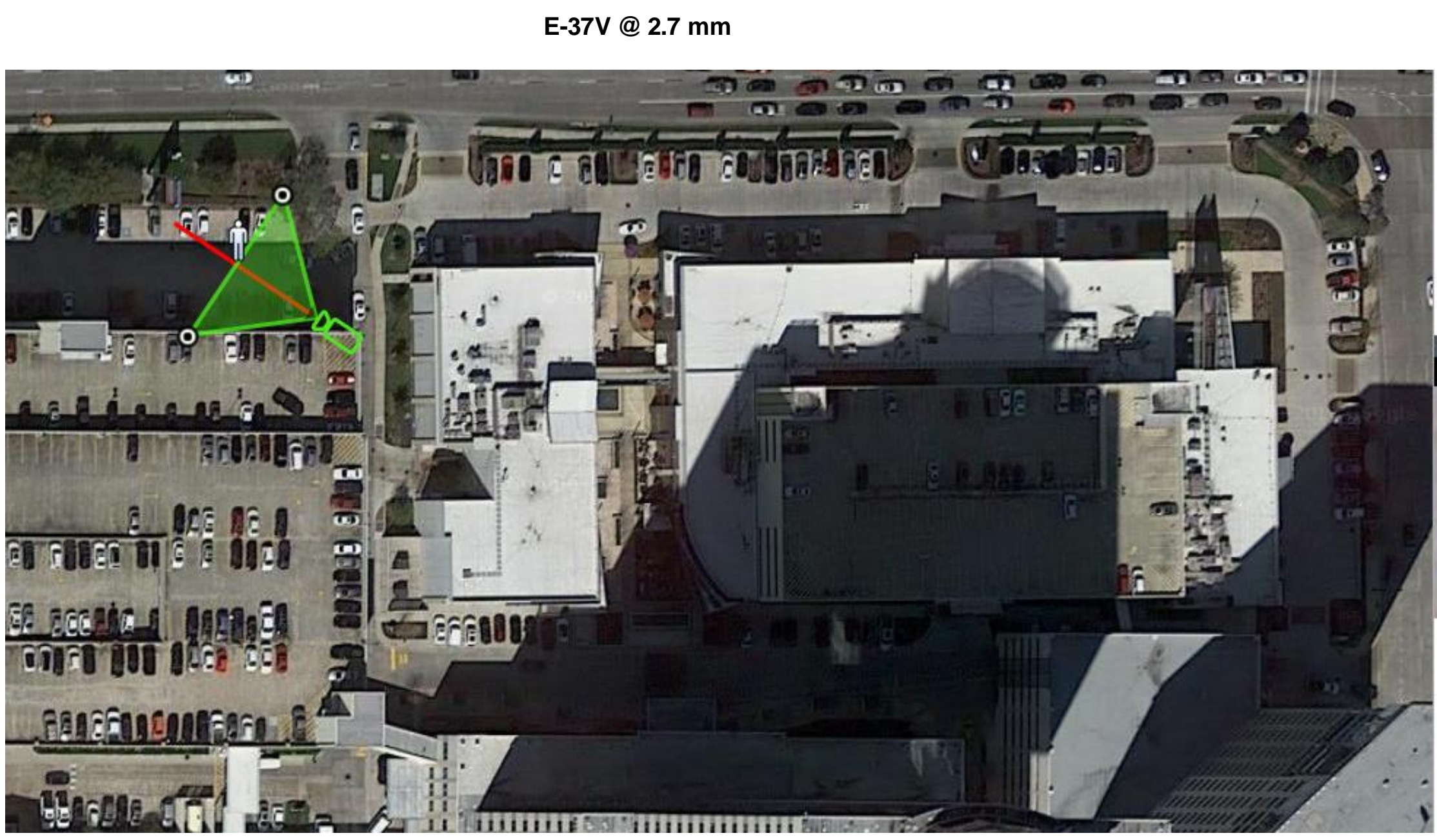
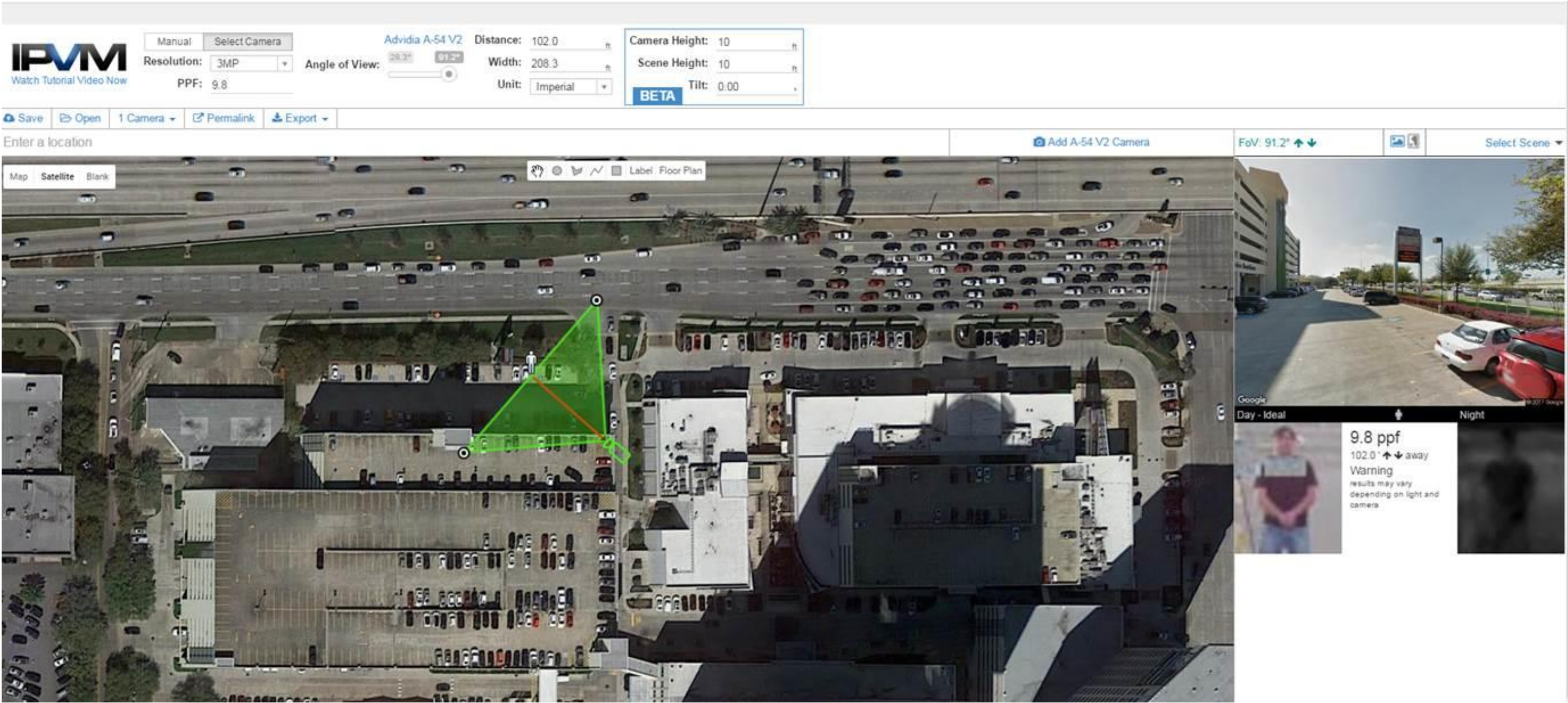
The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.

QTY	MANF	MODEL	DESCRIPTION	COLOR
2	Advitia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	Red
3	Advitia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	Yellow

El Monte Rosemead Adult School



DRAWN ISSUED	Adult School Adam Ring 03/01/2017	SIZE / FSCM NO	DWG NO	REV
		SCALE	Drawing Description	1
		NTS	SHEET	1 OF 4



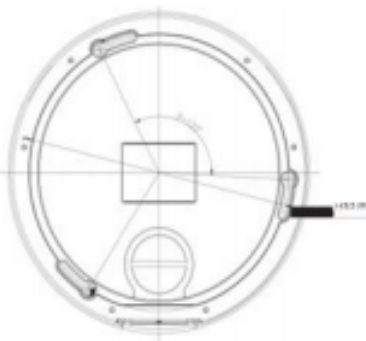
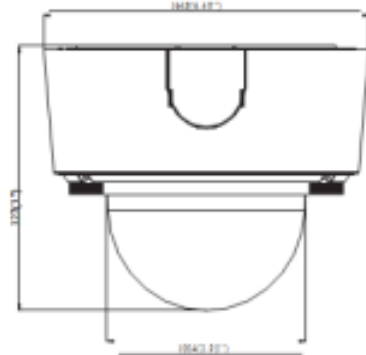
Overview

- 3 megapixel resolution
- 60fps at 1080P
- Motorized VF lens
- IP66
- True WDR 120db
- Analytics:
 - Defocus Detection, face detection, audio exception detection & intrusion detection
- Built-in heater
- 3-axis (pan/tilt/rotation) positioning
- IR cut filter with auto switch
- Two-Way audio
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/2.8" Progressive Scan CMOS
Min. Illumination:	0.01 Lux @(F1.2,AGC ON), 0 Lux with IR 0.014 Lux @(F1.4,AGC ON), 0 Lux with IR
Shutter Time:	1s to 1/100,000 s
Lens:	2.8 - 9 mm@ F1.4, angle of view: 91.2°~28.3°
Auto Iris:	DC drive
Angle Adjustment:	Pan: ± 0°~355°, Tilt: 0 ~ 75°, Rotation: ± 0~355°
3-Axis Adjustment:	Yes
Lens Mount:	φ14
Digital Noise Reduction:	3D DNR
WDR Range:	120db
Compression Standard	
Video Compression:	H.264,MPEG4,MJPEG
Bit Rate:	32 Kbps ~ 16 Mbps
H.264 Type:	Baseline Profile/Main Profile/High Profile
Audio Compression:	G.711/G.722.1/G.726/MP2L2
Audio Bit Rate:	64Kbps(G.711) / 16Kbps(G.722.1) / 16Kbps(G.726) / 32-128Kbps(MP2L2)
Image	
Max. Image Resolution:	2048 x 1536
Frame Rate:	45fps(2048 × 1536), 60fps(1920 × 1080) /(1280 × 960)/(1280 × 720)
ROI (Region of Interest):	Users can configure up to 4 areas in all the three streams.
BLC (Back Light Compensation):	Support, Zone optional
Defog:	Support
Day/Night Switch	Auto/Schedule/Triggered by alarm in



Technical Specifications

Network	
Analytics & Alarm Trigger:	Line crossing Detection, Intrusion detection, Scene change detection, Defocus detection, audio exception detection, Motion detection, Face detection, Dynamic analysis, Tampering alarm, Network disconnect, IP address conflict
Protocols:	TCP/IP,ICMP,HTTP,HTTPS,DHCP,DNS,RTP,RTSP,RTCP, NTP,SMTP,SNMP,IGMP,IPv6,Bonjour
Security:	User authentication, watermark, IP address filtering, anonymous access
System Compatibility:	ONVIF, PSIA
Interface	
Communication Interface:	1 RJ45 10 M/100 M Ethernet interface
Audio Input:	1-ch 3.5 mm audio interface, Mic in/Line in
Audio Output:	1-ch 3.5 mm audio interface
Alarm Input-Output:	1/1
Reset Button:	Yes
On-Board Storage:	Built-in Micro SD slot up to (64 GB)
General	
Operating Conditions:	-40° F ~ 140° F (-40°C-60°C) Humidity 95% or less (non-condensing)
Power Supply:	12 VDC ± 10%, PoE (802.3af)
Power Consumption:	Max. 12W
Impact Protection:	IEC60068-2-75Eh, 50I, EN50102, up to IK10
Weather Proof Rating:	IP66
IR Range:	Approx. 30-90ft (10 to 30 meters)
Dimensions:	Ø6.29" x5.75" (Ø164.9 × 127 mm)
Weight:	4.62lbs (2095g)
Software:	Includes Video Insight VMS License
Accessories:	<div><div>A-MWM</div><div>A-MC-OD</div><div>A-44-Pendant</div><div>A-Pole Mount</div><div>A-CNR</div><div>A-Smoke Dome</div></div>

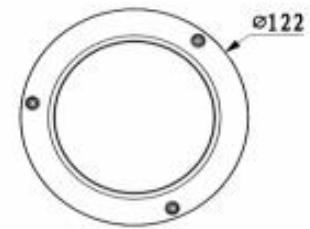
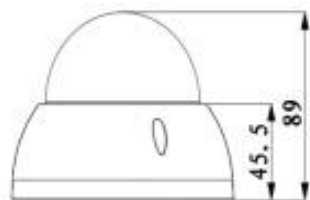
Overview

- 3 megapixel resolution
- H.264 & MJPEG dual-stream encoding
- WDR with Day/Night (ICR), 3DNR, AWB, AGC, BLC
- 2.7-12mm Auto focus motorized lens
- 3-axis positioning
- IP67, IK10, PoE
- Micro SD card slot, up to 128GB
- IR LEDs Length 30m
- Video Insight VMS License Included



Technical Specifications

Device	
Image Sensor:	1/3" 3Megapixel progressive scan CMOS
Scanning System:	Progressive
Electronic Shutter Speed:	Auto/Manual, 1/3(4)~1/100000s
Min. Illumination:	0. 1Lux/F1.4 (Color), 0Lux/F1.4(IR on)
Wide Dynamic Range:	WDR (>50dB)
3-Axis:	Yes
Camera Features	
Max. IR LEDs Length:	30m
Day/Night:	Auto(ICR)/Color/B/W
Backlight Compensation:	BLC / HLC / DWDR
White Balance /Gain Control:	Auto/Manual
Noise Reduction:	3D
Privacy Masking:	Up to 4 areas
Lens	
Focal Length:	2.7mm~12mm F1.4 : H: 92°~28°
Focus:	Auto
Lens Type:	Motorized/Fixed Iris
Mount Type:	Board-in Type
Video	
Compression:	H.264,MJPEG,MPEG4
Resolution:	3M(2304x1296) 2MP(1920x1080) 1.3MP (1280x960) 3M& 2MP/1080P(20fps) (1.3MP/25/30fps)



Technical Specifications

Network	
Ethernet:	RJ-45 (10/100Base-T)
Wi-Fi:	NO
Protocol:	IPv4/IPv6, HTTP, HTTPS, SSL, TCP/IP, UDP, UPnP, ICMP, IGMP, SNMP, RTP, SMTP, NTP, DHCP, DNS,
Compatibility:	ONVIF, CGI
Interface	
Memory Slot:	Micro SD slot: up to (128GB)
RS485:	N/A
Alarm:	Motion detection
General	
Power Supply:	DC12V, PoE (802.3af)
Power Consumption:	<8.5W
Working Environment:	-30°C~+60°C, Less than 95% RH
Ingress Protection:	IP67
Vandal Resistance:	IK10
Dimensions:	φ122mm×89mm
Weight:	0.5kg
Audio:	NO
Accessories:	<div><div>E-A137-JB</div><div>E-B200-FM</div><div>E-B203-WM</div><div>A-Pole Mount</div><div>A-CNR</div><div>E-A152-PM</div><div>E-A152-QM</div></div>

QTY	MANF	MODEL	DESCRIPTION	COLOR
2	Advidia	A-54-OD	3MP IP Dome Camera – 2.8-9mm – IP66 – IK10	
4	Advidia	E-37-V	3MP IP Dome Camera – 2.7-12mm – IP67 – IK10	

Storage and Bandwidth Calculator

Qty

Resolution

Compression

Data Rate (Kbps)

FPS

Motion %

Days

Bandwidth (mbps)

Storage(GB)

6

D1

H.264

371

10

40

30

2.23

262.26

X

+ Add Row

6

2.2 Mbps

0.26 TB

The bitrate of each resolution is based on an average. Actual results may vary based on the amount of motion and complexity of the image.